

AUTHOR INDEX

Volume 123 (JANUARY-JUNE, 2003)

- Aaron, Shawn D., 1939
 Abassi, Ziad, 1577
 Abe, Shinji, 372S, 427S
 Abe, Shosaku, 524, 2160
 Abid, Omar, 652
 Abramovich, Amir, 2112
 Abu-Hijleh, Muhammed, 949
 ACCESS Research Group, 406, 413
 ACCP Interventional Chest/Diagnostic Procedure Network Steering Committee, 1693
 Acebo, Elvira, 1379
 Ackerman, Steven J., 355S
 Ackerman, Terrence F., 312S
 Ackroyd-Stolarz, Stacy, 1142
 Adams, Robert, 183S
 Adera, Tilahun, 2012
 Adler, Kenneth B., 384S
 Adler, Robert A., 2012
 Aelony, Yossef, 30S, 131S
 AeroDose TOBI Study Group, 28
 Agapov, Eugene, 377S
 Aggarwal, Atul, 1289
 Agrawal, Ashish, 345S
 Agustí, Carlos, 48S
 Aitken, Moira L., 792
 Aizawa, Hisamichi, 1302
 Aizawa, Tadanori, 372
 Akamine, Shinji, 293
 Akosah, Kwame O., 1770
 Akritidis, Nikolaos, 60S
 Alberg, Anthony J., 21S
 Alberts, W. Michael, 1S, 3S, 987, 332S
 Alcázar, Philip, 30S
 Alcalá, Miguel Angel, 161S
 Aldrich, Thomas K., 1299
 Alfandari, Serge, 2034
 Allan, Lawrence, 689
 Allen, Christopher J., 2062
 Allen, Myra, 102
 Allen, Steven J., 187
 Alliotte, Thierry, 704
 Almenoff, Peter L., 413
 α_1 -Antitrypsin Deficiency Registry Study Group, 76S
 Alva, Rakesh V., 1299
 Alvisi, Valentina, 103S, 162S
 Alvani, Anita, 261
 Amir, Jacob, 736
 Amirav, Israel, 731
 Amsden, Guy W., 772
 Amundson, Dennis E., 1769
 Anantharaju, Abhinandana, 956
 Anayama, Satoshi, 952
 Ando, Morihide, 198S
 Ando, Motomi, 33S
 Andreas, Stefan, 366
 Andujar, José, 1996
 Ankerst, Jaro, 1480
 Annich, Gail M., 1589
 Anstey, Rosemary, 1142
 Antoine, Martine, 186S
 Antoniou, Katerina M., 209
 Anzueto, Antonio, 1664
 Aoe, Keisuke, 740
 Apostolopoulou, Sotiria C., 1772
 Appleton, Sarah, 183S
 Arakawa, Hiroaki, 1096
 Archer-Chicko, Christine L., 344
 Argyros, Gregory, 1254
 Aris, Robert M., 182S
 Arnold, Alice, 387
 Arozullah, Ahsan M., 1151
 Arriero, Juan M., 1996
 Arrizabalaga, Julio, 1970
 Arroliga, Alejandro C., 504
 Ashkin, David, 66S
 Assi, Elena, 2057
 Au, David H., 1964
 Au, Heather-Jane, 822
 Auer, Johann, 137S
 Awsare, Bharat K., 433S
 Ayabe, Hiroyoshi, 293
 Azoulay, Laurent, 399
 Azuma, Arata, 2007
 Baas, Paul, 551
 Bach, John R., 1773, 2156
 Bach, Peter B., 72S, 83S
 Bachmeyer, Claude, 1296
 Badenhop, Dalynn, 2104
 Badet, Michel, 162S
 Bahlawan, Lama El, 374S
 Bahler, Robert C., 711
 Baird, Ian M., 772
 Balbi, Bruno, 983
 Baldus, Stephan E., 463
 Balin, Ami, 481
 Balk, Robert A., 490S
 Balmes, John R., 1899
 Bamberg, Michael, 313
 Bandi, Venkata, 1202
 Banet, Gerald A., 499
 Banwell, Tom C., 432S
 Bar, Amir, 69S
 Barbeau, Benoit, 424S
 Barbee, Robert A., 143S
 Barcala, Javier, 1567
 Barker, Alan F., 76S
 Barker, John, 147S
 Barnes, Peter J., 65S, 1240
 Barnett, Scott D., 175S
 Barr, Juliana, 83S
 Barroso, Encarnación, 1996
 Barst, Robyn J., 1772
 Bartlett, Robert H., 1589
 Bar-Yishay, Ephraim, 731
 Bashir, Naim S., 1777
 Bass, David A., 372S, 376S
 Bates, J.H.T., 363S
 Bates, Jason, 362S
 Batra, Vikas, 1730, 377S, 398S
 Battaglia, Salvatore, 1066
 Battle, Robert W., 1289
 Baughman, Robert P., 406, 1329
 Baum, Gerald, 736
 Baumann, Michael H., 187S
 Baydur, Ahmet, 1307
 Bayless, Lynn, 371S
 Beaucaire, Gilles, 2034
 Beaulieu, Claudia, 446S
 Becker, Allan B., 438S
 Becker, Heinrich, 45S, 604
 Beckles, Michael A., 97S, 105S
 Beck-Razi, Nira, 2112
 Bednarek, Michal, 959, 1916
 Beeh, Kai M., 77S, 1240
 Behrens, Karin, 374S
 Beier, Jutta, 77S
 Bellam, Shashi, 392S
 Bellavere, Federico, 1753
 Bellia, V., 417S
 Bellia, Vincenzo, 1066
 Bendjelid, Karim, 1774
 Bennett, Charles L., 1151
 Bennett, Richard G., 309
 Bensadoun, Eric S., 291
 Bepler, Gerold, 332S
 Berend, Norbert, 1642
 Berent, Robert, 137S
 Berger, Rolando, 2157
 Berger, Thomas J., 59
 Bergeron, Céline, 424S
 Bergin, Peter, 1119
 Berlin, David, 1297
 Bernard, Virginie, 359
 Berrettini, Wade H., 1730
 Bertó, J. Manuel, 993
 Beutz, Michelle, 854
 Bianchi, Roberto, 1794
 Bigby, Timothy D., 426S
 Binaei, S., 374S, 375S
 Binazzi, Barbara, 1794
 Bingeli, Christian, 366
 Bittner, Vera, 387
 Black, William C., 83S
 Blackburn, Michael, 339S
 Blankenberg, Francis, 165S
 Bleecker, Eugene R., 363S
 Block, Lutz-Henning, 1293
 Blot, Stijn I., 120S
 Blum, Jav, 653
 Bobrowski, Christoph, 442
 Bochowicz, Anna, 1947
 Bodi, Maria, 174
 Bohuslavizki, Karl H., 442
 Bolliger, Chris T., 627
 Bonet, Alfons, 51S
 Bonneau, Richard, 446S
 Bonner, James C., 384S, 422S
 Bonnet, Jacques, 359
 Bonomo, Adriana, 345S
 Bonsignore, G., 417S
 Boonstra, Anco, 1803
 Booth, Brian W., 384S
 Borja-Aburto, Victor, 1090
 Bortone, Franco, 1229
 Bosich, Georgene, 711
 Bottoms, Stephen E., 428S
 Boudreaux, Edwin D., 1472
 Boulay, Marie-Eve, 430S
 Boulet, Louis-Philippe, 430S
 Bourée, Patrice, 1296
 Bours, Demosthenes, 209, 982
 Bourriot, Katia, 359
 Boushey, Homer A., 439S
 Bowton, David L., 372S, 376S
 Boyle, Michael P., 3
 Bozkanat, Erkan, 1104
 Brack, Thomas, 214S
 Bradford, Aidan, 87S
 Bradley, T. Douglas, 1536
 Brahian, Joey J., 929

Braman, Sydney S., 289
 Branca, Paul, 1181
 Brandt, Lars, 442
 Brantly, Mark L., 765
 Brass, David M., 416S
 Bratton, Susan L., 1589
 Braun, Armin, 370S
 Bravo, Carlos, 2124
 Bredius, Robbert G. M., 929
 Breitenstein, Eric, 67
 Bresser, Paul, 391S
 Brett, Ian, 413
 Broccard, Alain F., 1334, 2146
 Brochhagen, Hans-Georg, 463
 Brodaty, Denis, 1361
 Brook, Jeffrey R., 745
 Brown, Carlos V.R., 677
 Brown, Lee K., 9, 1887, 2165
 Brown, Richard B., 1503
 Brown, Robert, 725
 Brown, Sheldon T., 413
 Brubaker, Peter H., 2104
 Brugière, Olivier, 1832
 Brun-Buisson, Christian, 670
 Brutsche, Martin H., 436
 Budhiraja, Rohit, 562
 Buhl, Roland, 778, 1240
 Buist, A. Sonia, 765
 Burger, Charles D., 646
 Burioka, Naoto, 80
 Burnett, Richard T., 745
 Burns, Jane L., 792, 1495
 Burton, Nelson, 1758
 Butler, Steven M., 20
 Byrd, Ryland P., 2150, 2158

Cable, Greg, 307
 Cadranel, Jacques, 1868
 Cahill, Barbara C., 1673
 Cakmak, Sabit, 745
 Calder, Mark M., 368S
 Calhoun, William J., 399S
 Camargo, Carlos A., Jr, 1472
 Cameron, Lisa, 2074
 Camoretti-Mercado, Blanca, 392S
 Campbell, Jennifer A., 427S
 Campbell, Margaret L., 266
 Campbell, Samuel G., 1142
 Candela, Alfredo, 1996
 Cantoni, Manuel, 1361
 capital Study Investigators, 1142
 Caput, Daniel, 373S
 Cardiovascular Health Study, 387
 Carette, Marie-France, 1868
 Carlos Silva, Antônio, 1047
 Carpenter, Katherine A., 398S
 Carpenter, Kathy A., 377S
 Carter, Rick, 1408
 Casaburi, Richard, 309
 Caspi, Opher, 1312
 Castier, Yves, 1832
 Castranova, Vincent, 862
 Castro, Antoni, 518
 Castro, Kenneth G., 967
 Castro, Pilar, 518
 Catalano, Filippo, 1066
 Cataneo, Renee N., 2115
 Catellier, Diane J., 1825
 Caterina, Paul, 869
 Cecins, Nola, 142
 Cendon, Sonia, 1047
 Center, David M., 1786, 431S
 Ceriani, Roberto, 1229

Ceron, Loris, 1753
 Cerveri, Isa, 959
 Cesario, Alfredo, 2162
 Cesta, Mark, 429S
 Ceugniet, François, 1401
 Chailleux, Edmond, 1460
 Chakir, Jamila, 424S
 Chalermkulrat, Worakij, 1825
 Chan, Charles, 37
 Chan, Charles K.N., 1983
 Chan, Edward D., 2163, 425S
 Chan, Frandies, 1655
 Chan, Mallory M., 2163
 Chan, Michael M., 2163
 Chang, Chao-Chien, 1957
 Chang, Hsueh-Wen, 1170
 Chang, Ling Yi, 446S
 Chang, Shi-Chuan, 1188
 Chantaratthada, Sudaluck, 1512
 Chanthadisai, Nonglak, 1512
 Chan-Yeung, Moira, 438S
 Chaoprasong, Chutima, 1512
 Chaouat, Ari, 704
 Chaparro, Cecilia, 37
 Chatila, Wissam, 59, 165
 Chazan, Ryszarda, 1054
 Chen, Kuan-Yu, 1222
 Chen, Li-Chen, 757
 Chen, Mien-Cheng, 1170
 Chen, Ning Yuan, 375S
 Chen, Qingsheng, 339S, 375S
 Chen, Yi-Chu, 1188
 Chen, Yih-Shang, 539
 Cherniack, Neil S., 432S
 Cheung, Yiu Fai, 1561
 Chevrolet, Jean-Claude, 67
 Chhajed, Prashant N., 2162
 Chiang, Cheng-Wen, 1957
 Chiba, Hirofumi, 425S, 426S
 Chiba, Toshio, 136
 Childs, Carter J.H., 828
 Chirikos, Thomas N., 653
 Chmiel, Joan S., 1151
 Chmura, Kathryn, 425S
 Choi, Hee-Jung, 425S
 Choi, Kwisook, 1924
 Chowdhry, Sapna, 2155
 Christensen, Michael, 374S, 375S
 Christiaans, Herman M.T., 1595
 Chu, Hong Wei, 390S, 427S, 428S
 Chu, Jaw-Ji, 1647
 Chu, Po-Hsien, 1957
 Chung, Chi-Li, 1188
 Chung, David C., 882
 Chung, Hannah L., 1673
 Chung, Ka-Fai, 310
 Chung, Nancy C., 1467
 Churchhill, Gary, 369S
 Ciaccia, Adalberto, 652
 Cigada, Marco, 2057
 Cirelli, Rosemary, 377S
 Cisneros-Lira, José, 1633
 Clanton, Thomas L., 1977
 Clark, Robert, 653
 Clark, Sunday, 1472
 Classen, Johannes, 313
 Clavel, Marc, 151
 Clinch, Jennifer, 1939
 Cloward, Tom V., 632
 Coates, Frances, 745
 Cogo, Annalisa, 652
 Cohn, David L., 967
 Cohn, Stephen M., 475S
 Colardyn, Francis A., 1208

Cole, F. Hammond, Jr., 312S
 Colesky, Frans J., 627
 Coli, Claudia, 1794
 Colice, Gene L., 3S, 97S, 105S, 272S
 Conde, Marcus B., 107
 Condos, Rany, 308
 Conner, Barrett D., 1181
 Conner, Heather, 427S
 Connor, Jason T., 1425
 Contardi, LeeAnne H., 882
 Conte, John V., 629
 Cook, Deborah J., 2062
 Cook, Donald N., 369S
 Cook, Joseph W., 1367
 Cook, Paul, 102
 Coombes, Jeff S., 195
 Coon, Steven W., 1527
 Cooper, Joel D., 1026
 Corbridge, Thomas C., 577, 897
 Cornélissen, Germaine, 80
 Cornwell, Richard D., 800
 Corrin, Bryan, 929
 Corsico, Angelo, 959
 Coss-Bu, Jorge A., 2050
 Costanzo, G., 417S
 Cotsonis, George A., 923
 Couffinhal, Thierry, 359
 Cox, Charles S., Jr., 187
 Crapo, James D., 446S
 Crews, Anne L., 384S
 Criner, Gerard, 165, 1394
 Critchley, Lester A.H., 424
 Crocetti, Joseph, 59
 Cruikshank, William W., 431S
 Cruz, Maria-Jesús, 2124
 Crystal, Ronald G., 765, 1425
 Cuesta, Javier, 1276
 Cukier, Alberto, 136
 Cullen, Deborah L., 1284
 Culpitt, Sarah V., 1240
 Cummin, Andrew R.C., 2115
 Curtis, J. Randall, 1964
 Custer, Joseph R., 1589

DAFNE Study Group, 784
 Daher, Iyad N., 304
 Dakhama, Azzeddine, 410S
 Dales, Robert E., 745, 1939
 D'Alonzo, Gilbert E., 59
 Dalton, Martin L., 2028
 Daly, Barbara J., 1073
 Dancey, David R., 1544
 Daniell, Harry W., 1771
 Daniil, Zoe, 1196
 Dann, Tom, 745
 Danziger, Larry H., 261
 Darken, Patrick, 1817
 Dart, Richard A., 222, 244
 Datta, Debapriya, 1603, 2096
 Dauger, Stéphane, 530
 Dauriat, Gaëlle, 1832
 Davé, Ritu, 12
 David, Yadin B., 2050
 Davila, David C., 2160
 Davis, Gail E., 1026
 de Batlle, Jordi, 518
 De Becker, Pascale, 998
 de Bie, Joris, 431S
 de Bree, Remco, 1595
 de Jongste, Johan C., 2083
 de las Heras, Manuel, 1276
 De Meirleir, Kenny, 998
 de Mural, Benoît, 67

- de Reus, D.M., 417S
 de Titto, Ernesto, 1858
 de Vries, Peter M.J.M., 1803
 Dec, G. William, 1488
 DeCamp, Malcolm M., Jr., 167S
 Dekker, André, 2089
 DeLisle, Sylvain, 504S
 Delmer, Alain, 1296
 Deloria-Knoll, Maria, 1151
 Demanet, Christian, 998
 Demedts, Maurits G., 751
 Derendorf, Hartmut, 430S
 Derivaz, Sophie, 67
 Desachy, Arnaud, 151
 d'Escrivan, Thibaud, 2034
 Desplan, Jacques, 1401
 Deswal, Anita, 716
 Dettlerbeck, Frank, 129S, 147S, 157S, 167S, 244S
 Devin, Clinton J., 202
 Devos, Patrick, 2034
 Devrotes, Aline, 941
 Di Giorgi, R., 417S
 Diacon, Andreas H., 436, 627
 Diaz, Emili, 174
 Diaz, Philip, 1394, 1977
 Dickinson, Garth, 1142
 Dicipinigitis, Peter V., 685
 Diette, Gregory B., 941
 Dimich-Ward, Helen, 438S
 Dimos, Georgios, 608
 Dion, Peter W., 882
 Dipalo, Francis, 87
 Discher, Marc, 370S
 Dixon, John, 1932
 Dixon, John B., 1134
 Dmitrovsky, Ethan, 60S
 Doelken, Peter, 332
 Doerr, Clint H., 623
 Doherty, Dennis E., 291
 Dolinski, Sylvia Y., 613
 Domagala-Kulawik, Joanna, 1054
 Douglas, Sara L., 1073
 Dowdeswell, Ian, 277
 Dowell, Maria, 392S
 Downie, Gordon H., 828
 Doyle, Christine B., 355S
 Dragnev, Konstantin H., 60S
 Drake, Janice, 1977
 Drazen, Jeffrey M., 447S
 Droma, Yunden, 54
 Duarte, Alexander G., 304
 Dubar, Arnaud, 2144
 Dulin, Nickolai, 392S
 Dupont, Lieven J., 751
 Durand, Fabienne, 1401
 Dvir, Itzik, 695

 Eastwood, Peter, 142
 Eaton, Tam E., 1127
 Ebeo, Celso T., 2150
 Eber, Bernd, 1375
 Eckert, Maria, 371S
 Eckman, Joseph B., 371S
 Economopoulos, Nikos, 1196
 Eda, Ryosuke, 740
 Edell, Eric, 176S
 Eden, Edward, 765
 Edmunds, Marcia L., 960
 Edwards, Fred H., 280
 Efrati, Yigal, 965
 Egan, Thomas M., 962
 Eidlitz-Markus, Tal, 736

 Eisen, Howard J., 59
 Eleftheriades, John A., 1853
 Elias, Jack A., 339S, 375S
 Ellis, James L., 371S
 Ellison, Misoo C., 405S
 Elmerick, Derek, 1284
 Elmore, Belinda L., 2012
 Elsas, Pedro Xavier, 345S
 Emerson, Julia C., 792
 EMPECE Study Group, 1090
 England, Ronald W., 1014
 Enhorning, Goran, 355S, 375S
 Enomoto, Tatsuji, 2007
 Enright, Paul L., 387
 Ergun, Gulchin, 1718
 Ernst, Armin, 458, 604, 1693
 Erpenbeck, Veit J., 370S
 Esaki, Hiroshi, 1988
 Eschun, Gregg M., 297
 Espada, Rafael, 1718
 Espuga, Meritxell, 2124
 Estrada, Carlos, 102
 Evans, Amanda, 426S
 Evans, Michael J., 434S

 Facchini, Rebecca, 2057
 Fallat, Robert, 765, 1425
 Fallot, Andre, 1899
 Fan, Vincent S., 1964
 Fang, Qihong, 372S, 427S
 Fantuzzi, Giamila, 425S
 Fanucchi, Michelle V., 434S
 Farber, Stephen A., 433S
 Farney, Robert J., 632
 Fatimi, Saulat Hasnain, 937
 Fauchier, Laurent, 1320
 Faughnan, Marie E., 351
 Fedeli, Ugo, 2160
 Fedor, John M., 1367
 Fein, Alan M., 1788
 Fein, Daniel, 1788
 Ferdoutsis, Emmanouil, 209
 Ferguson, Eric, 280
 Ferguson, Gary T., 1817
 Fergusson, Wendy, 1127
 Ferdadji, Latifa, 530
 Fernandes, Darren, 392S
 Fernández-Nieto, Mar, 1276
 Fiel, Stanley B., 1, 1495
 Fihn, Stephan D., 1964
 Fijalkowska, Anna, 1947
 Filella, Xavier, 488
 Filho, Wilson Jacob, 136
 Filion, Pierre, 869
 Finkelhor, Robert S., 711
 Fischer, Horst, 1467
 Fischer, Tracy, 1817
 Fisher, Susan D., 623
 Fitting, Jean-William, 67
 Fitzgerald, Fabia, 1536
 Flagman, Richard, 433S
 Flaherty, Kevin R., 89S
 Flavin, Kara E., 835
 Fleg, Jerome L., 307
 Floras, John S., 1536
 Flores, Juan, 1970
 Flume, Patrick A., 217
 Folgering, Hans, 1450
 Ford, Earl S., 119
 Fowler, Robert A., 835
 François, Bruno, 151
 Frankel, Kenneth M., 1775
 Franklin, Cory, 510

 Franssen, Frits M. E., 1416
 Fraser, Victoria J., 854
 Fretz, Peter C., 452
 Frey, Hans-Rudolf, 845
 Fritscher-Ravens, Annette, 442
 Frolkis, Inna, 1348
 Fromm, Gary B., 16
 Fromm, Robert E., Jr., 1312
 Frost, Andra R., 181
 Fu, Long Tai, 372
 Fu, Morgan, 1170
 Fujiki, Rei, 1302
 Fujino, Yuji, 159
 Fujioka, Mutsuhisa, 1096
 Fujiwara, Masachika, 2001
 Fukuda, Hiroshi, 380
 Fukushima, Yasutsugu, 1096
 Fukuyama, Seichi, 545
 Fulmer, Deborah, 1763
 Funck-Brentano, Christian, 1817
 Funk, Georg, 1293
 Funkhouser, Holly L., 2012
 Furukawa, Satoshi, 165

 Gabry, André Louis, 49
 Gadgil, Aneal, 862
 Gage, Brian F., 499
 Gagliardi, Anthony J., 2115
 Gaillard, Sandrine, 1625
 Gallego, Jorge, 530
 Gallego, Miguel, 174
 Gálvez, Juan, 1970
 Gandini, Sara, 1229
 Garcia Stella, Sérgio, 1047
 Garey, Kevin W., 261
 Garnacho, José, 1615
 Garrett, Jeffrey E., 1127
 Garshick, Eric, 725
 Gaspar Elsas, Maria Ignez C., 345S
 Gatchel, Susan K., 499
 Gaughan, John P., 165
 Gaultier, Claude, 530
 Gaxiola, Miguel, 1633
 Geisenhoffer, Kristen, 422S
 Gejyo, Fumitake, 1520
 Gelb, Arthur F., 975
 Gelfand, Erwin W., 410S
 Gelissen, Harry P.M.M., 1595
 Geller, David E., 28
 Georagatos, Niki, 113
 George, Dorothy, 1684
 Georges, Hugues, 2034
 Georgopoulos, Dimitris, 982
 Gerhardt, Susan G., 629
 Gerriets, Joan E., 434S
 Gershwin, Laurel J., 434S
 Gesink-vd Veer, Birthe J., 929
 Geskes, Gijs, 2089
 Giacomini, Matteo, 2057
 Gibbs, Robyn, 371S
 Gibson, Ronald L., 792
 Giembycz, Mark A., 1240
 Gierada, David S., 1026, 2019
 Gigliotti, Francesco, 1794
 Gilljam, Marita, 37
 Gin, Tony, 424
 Gimms, Leo C., 1488
 Ginsburg, Mark, 1394
 Girard, Marie-Andrée, 446S
 Girbes, Armand R.J., 1595
 Girgis, Reda E., 629
 Girish, Mirle R., 2150
 Gisbert, Ramon, 784

- Gjomarkaj, M., 4175
 Glady, Christine A., 1939
 Glanville, Allan R., 2162
 Gleeson, Kevin, 2115
 Glovsky, M. Michael, 4335
 Godart, François, 2144
 Gold, Avram R., 87
 Gold, Jeffrey A., 1316
 Gold, Morris S., 87
 Goldbeck, Lutz, 42
 Goldberg, Shmuel, 731
 Goldenberg, Ronald, 272
 Goldhaber, Samuel Z., 1782
 Goljan-Geremek, Anna, 1916
 Gollub, Steve, 222
 Gómez-Román, J. Javier, 1379
 Gondek, Kathleen, 1853
 González, Juliá, 488
 Gonzalez, Susana, 518
 Górecka, Dorota, 1916
 Gorevich, Bella, 1577
 Goris, Michael L., 1655
 Gosker, Harry R., 1416
 Goss, Christopher H., 792
 Gossage, James R., 320
 Gosselin, Marc V., 1673
 Goswami, Satindra, 862
 Gould, Michael K., 653, 835
 Gousis, Christos, 608
 Graham, Anthony F., 351
 Grande, Patricia, 351
 Granone, Pierluigi, 2162
 Grathwohl, Kurt W., 1014
 Green, Daniel, 142
 Greenberg, Joel, 2115
 Greene, Kelly E., 792
 Gregoire, James R., 244
 Griffin, John P., 312S
 Grignani, Fabrizio, 1341
 Grimaldi, Antonio, 652
 Grizzle, William E., 181
 Gross, Erica R., 725
 Gross, Nicholas, 1325, 1425
 Gross, Peter, 1503
 Gross, Thomas, 1280
 Groth, Maritza L., 1895
 Grothues, Carol, 1408
 Grunig, Gabriele, 439S
 Gude, Francisco, 1567
 Guérin, Claude, 1038, 1625
 Guerra, Stefano, 1435
 Guerrero, Tina, 784
 Guido, Peter S., 968
 Guilleminault, Christian, 12
 Gurka, Matthew J., 1825
 Gutierrez, Carlos, 1983
 Gutiérrez, Valentina, 993
 Gutterman, David D., 244
 Guzman, Jorge A., 266
 Gwyn, Charon, 119
 Gyves, Julianna I., 376S

 Haas, Jonathan, 1766
 Haber, Michael, 399
 Haefner, Susan M., 1589
 Hagan, Larry, 1014
 Hagenberg, Andreas, 370S
 Hajiro, Takashi, 1810
 Håkansson, Sara, 374S
 Halayko, Andrew, 392S
 Halberg, Franz, 80
 Halbert, R. J., 1684
 Halls, Steven B., 822

 Halpern, Michael, 128
 Hamada, Yoshiki, 952
 Hameed, S. Morad, 475S
 Hamid, Qutayba, 2074, 348S
 Hammel, Jeffrey, 765
 Han, Steve, 7
 Hanaoka, Masayuki, 54
 Hanly, Patrick J., 1544
 Haponik, Edward, 941
 Haramati, Linda B., 1299
 Harbeck, Ronald J., 390S, 427S
 Harding, Susan M., 659, 935
 Harik-Khan, Raida I., 307
 Harkin, Timothy J., 1316
 Harpole, Linda, 7S, 137S, 157S
 Hart, Robert W., 1112
 Hassoun, Paul M., 562
 Hastie, Annette T., 345S, 377S, 398S
 Haug, Marcus T., III, 504
 Hayashi, Naoko, 1248
 Haydel, Robert M., Jr., 100S
 Hayden, Dana M., 510
 Hazelton, Todd, 653, 332S
 He, Jian-Qing, 438S
 Heard, Stephen O., 469S
 Heffner, John E., 1887
 Heffner, John N., 1887
 Hejdra, Yvonne, 1450
 Heimburger, Douglas C., 181
 Helmi, Mohamed, 800
 Henrich, Gerhard, 42
 Herbert, William G., 1367
 Hermiller, James B., 1749
 Hernández, Luis, 1996
 Herschbach, Peter, 42
 Hershow, Ronald C., 510
 Herth, Felix, 458
 Herth, Felix J., 604
 Hida, Wataru, 1847
 Hill, Nicholas S., 949, 1784
 Hillman, David, 142
 Hiltermann, Thyo J. N., 929
 Hindenburg, Alexander, 1766
 Hinojosa, Miguel, 1317, 215S
 Hiraki, Akio, 740
 Hirata, Kazuto, 596, 600
 Hirsch, Andrew, 399
 Hirschmann, Jan V., 639
 Hite, R. Duncan, 376S
 Ho, Anthony M.-H., 424, 882
 Ho, Wan-Jing, 1957
 Hobbs, Charles H., 316
 Hodulik, Craig R., 426S
 Hoffman, Brenda, 333
 Hoffstein, Victor, 1544
 Högl, Sonja, 1375
 Hohlfield, Jens M., 370S
 Holiday, David B., 1408
 Hollender, Elena S., 668
 Holmes, Cheryl L., 1266
 Holmes, Robert, 1953
 Hölscher, Arnulf H., 463
 Holtzman, Michael J., 377S
 Homa, David M., 119
 Homer, Robert, 339S, 375S
 Honda, Junichi, 1302
 Hong, Minchol, 1924
 Honour, Joyce M., 390S
 Hop, Wim C. J., 2083
 Horio, Hirotoshi, 619
 Horiuchi, Takahiro, 952
 Horn, Evelyn M., 1772
 Hotta, Junichi, 54
 Hourii, Sion, 481

 Howard, Timothy D., 363S
 Howington, John, 188S
 Howles, Gabriel P., 369S
 Hryhorczuk, Daniel O., 510
 Hsu, Lung-An, 1957
 Huang, Jing-Long, 757
 Huang, Shoei K. Stephen, 539
 Hurewitz, Adam N., 189S
 Hussain, Syed Fayyaz, 937
 Hutcheon, Michael, 37
 Hutchison, Stuart J., 351
 Hwang, Janice, 439S
 Hyde, Dallas M., 434S
 Hyland, Robert H., 351
 Hyung Bok Yoo, Hugo, 813

 Iamandi, Carmen, 704
 Iannetoni, Mark D., 89S
 Iannini, Paul, 1503
 Iannuzzi, Michael C., 1527
 Iapichino, Gaetano, 2057
 Ilett, Kenneth F., 869
 Illek, Beate, 1467
 Imperiale, Claudio, 1066
 In, Kwang Ho, 1924
 Incalzi, Raffaele Antonelli, 1066
 Ingram, Jennifer L., 422S
 Inman, Mark D., 411S
 Inoue, Ken-ichiro, 966, 1317
 Iqbal, Ahmar, 1684
 Irani, Sarosh, 2148
 Irvin, Charles G., 362S, 363S
 Iseki, Masachika, 293
 Ishihara, Hiroshi, 952
 Ishikawa, Hiroichi, 2001
 Isonaka, Sharon, 1684
 Itoh, Haruki, 372
 Iwata, Takeru, 1161

 Jaffré, Sandrine, 2034
 Jalba, Mihai-Sergiu, 960
 James, David S., 658
 Jansen, Henk M., 391S
 Janssens, Hettie M., 2083
 Janssens, Jean-Paul, 67
 Jardim, José R., 1047
 Jastrzebski-Wieber, Stasia, 432S
 Jatakanon, Anon, 1512
 Javaheri, Shahrokh, 322
 Jefferson, Larry S., 2050
 Jenkins, Sue, 142
 Jennings, S. Gregory, 277
 Jeong, Dong Hae, 475
 Jeong, Seong Hwan, 475
 Jereb, John A., 967
 Jeremic, Branislav, 313
 Jett, James R., 221S
 Johansen, Bjørn, 1480
 Johns, Scott C., 426S
 Johnson, Charles, 20
 Johnston, Richard A., 369S
 Johnstone, David, 1693
 Johri, Shilpa, 1297
 Jones, David R., 244S
 Jones, Phillip W., 418
 Joseph, Danielle, 345S
 Judek, Stan, 745
 Judson, Marc A., 406

 Kahn, Susan R., 399
 Kalakunja, Aroon, 1726
 Kalawski, Ryszard, 1355

- Kallay, Michael C., 679
 Kamahara, Kazuyuki, 1060
 Kameyama, Toshifumi, 545
 Kaminski, Ann, 1551
 Kaminsky, David A., 363S
 Kamma, Hiroshi, 2001
 Kanazawa, Hiroshi, 596, 600
 Kaneko, Satoshi, 524
 Kanel, Gary, 1307
 Kang, Kyung Ho, 1924
 Kaplan, Daniel T., 80
 Karjalainen, Antti, 283
 Karnakar, Manoj K., 424, 882
 Karney-Jones, Riyad, 1323
 Kass, Jonathan E., 673
 Kassiotis, Christos, 1386
 Kaszkowiak, Eugeniusz, 1355
 Kato, Shinji, 1248
 Kauffman, H.F., 417S
 Kawada, Hiroyuki, 380
 Kawahito, Yutaka, 966, 1317
 Kawayama, Tomotaka, 1302
 Kawut, Steven M., 344
 Kaye, David M., 1119
 Kazerooni, Ella A., 89S
 Kelekis, Dimitrios, 1196
 Kelley, Alyson, 725
 Kelley, Michael J., 7S, 50S, 72S
 Kern, Josipa, 1740
 Kernstine, Kemp H., 244S
 Kerr, Kim M., 319
 Kerstjens, H.A.M., 417S
 Keshavjee, Shaf, 37
 Kessler, Romain, 704
 Kesten, Steven, 1441
 Keteyian, Steven J., 2104
 Khan, Nazeer, 30S
 Khayat, Rami N., 1551
 Khor, Andras, 646
 Khoshoo, Vikram, 100S
 Khosla, Jody, 429S
 Khurana, Sandhya, 377S, 398S
 Khurshid, Imtiaz, 82S
 Kiebzak, Gary M., 1367
 Kim, Edy, 377S
 Kim, Joo-in, 377S
 Kimmel, Stephen E., 344
 King, Marjorie, 2104
 Kirkey, Kandace L., 1527
 Klauka, Timo, 283
 Klein, Jeffrey S., 1289
 Kline, Joel, 1280
 Klukowicz, Alan, 301
 Knatterud, Genell L., 406
 Knöfel, W. Trudo, 442
 Kobayashi, Tetsu, 372S, 427S
 Kobayashi, Toshio, 54
 Koch, Kathryn A., 312S
 Kocieniewski, Pawel, 392S
 Kodama-Takahashi, Koji, 1161
 Koelling, Todd M., 148S
 Koetter, G.H., 417S
 Kogut, Paul, 392S
 Kohman, Leslie J., 167S
 Kolmo, Hiroaki, 380
 Koike, Akira, 372
 Kolbe, John, 1127
 Kolimaga, Jane, 7S
 Kollef, Marin H., 854, 464S
 Kondo, Kazuo, 1248
 König, Matthias W., 613
 Konstan, Michael W., 20
 Koopmann, Witte, 374S
 Kornfeld, Hardy, 431S
 Kommann, Oliver, 778, 1240
 Kotloff, Robert M., 1781
 Kourtoglou, George, 2140
 Kozma, Dezsó, 1480
 Krachman, Samuel L., 59
 Kraft, Monica, 339S, 356S, 405S, 428S
 Krakow, Barry, 310
 Kramer, Amir, 134S
 Krantz, Anne J., 510
 Kraszewska, Izabela, 1054
 Krentel, Harald, 370S
 Kritski, Afranio L., 107
 Krivopal, Mark, 1607
 Kroegel, Claus, 2154
 Krofta, Kamil, 1480
 Krug, Norbert, 370S
 Kryger, Meir, 2160
 Kubo, Keishi, 54
 Kucera, Gena P., 1527
 Kuch-Wocial, Agnieszka, 1947
 Kudlacz, Elizabeth M., 1633
 Kudoh, Shoji, 2007
 Kufel, Thomas J., 1104
 Kumar, Ashwani, 1726
 Kunkel, Mark, 1503
 Kuo, Ping-Hung, 1222
 Kurata, Akira, 1161
 Kurihara, Yasuyuki, 1096
 Kurokawa, Yoshimochi, 1847
 Kuroki, Yoshio, 426S
 Kurosawa, Hajime, 1847
 Kurzyrna, Marcin, 1947
 Kusumoto, Fred, 1322
 Kvale, Paul A., 330, 284S
 Kvas, Erich, 1375
 Kwatia, Mark A., 355S
 Kwok, Ka Li, 1561
 Kyotani, Shingo, 338, 1583
 Laaban, Jean-Pierre, 1460, 1774
 Lackland, Daniel T., 406
 Lahiri, Bimalin, 2096
 Lai, Ling-Ping, 539
 Laine, Glen A., 187
 Laisaar, Tanel, 432
 Lakser, Oren, 392S
 Lakshminarayanan, Sambasiva, 639
 Laloo, Umesh G., 660, 1480
 Lam, Chen F., 869
 Lamarque, Gérard, 1296
 Landry, Lisa, 100S
 Landucci, Dante L., 828
 Lane, Kirk B., 202
 Lang, S., 363S
 Lange, John H., 2160
 Laniado-Laborin, Rafael, 1318
 Lanini, Barbara, 1794
 Laos, Luis F., 1336
 Larivée, Pierre, 446S
 Lassnig, Elisabeth, 1375
 Laurent, François, 359
 Laurent, Geoffrey J., 428S
 Lavie, Peretz, 695
 Laviates, Marc, 432S
 Lazar, Jason, 222, 1766
 Le Besnerais, Paul, 1361
 Le, Thao, 100S
 LeBlanc, Julia Kim, 1718
 Lechtzin, Noah, 941
 Ledoux, Xavier, 49
 Lee, Anna, 882
 Lee, Bert, 1544
 Lee, Chun Geun, 339S
 Lee, Shing M., 1394
 Lee, Tak Wai, 424
 Lee, Warren L., 351
 Lee, Y. C. Gary, 202, 418, 1181
 Lee-Pack, Leslie R., 1983
 Lefrak, Stephen S., 1026
 Legorini, Cristina, 652
 Leiken, Jerrold B., 577, 897
 Lemanske, Robert F., Jr, 385S
 Lencer, Nicole H. M. K., 1416
 Lenox, Robert J., 986
 Leone, Frank T., 1730
 Lepori, Mattia, 2146
 Leroy, Olivier, 2034
 Lesèche, Guy, 1832
 Lessana, Arrigo, 1361
 Lesser, Marvin, 413
 Lessnau, Klaus-Dieter K. L., 953
 Leventhal, Jack P., 646
 Lev-Ran, Oren, 1348
 Lewis, Christina C., 356S, 428S
 Lewis, Christopher A., 1127
 Lewis, Kevin L., 291
 Lewis, Sandra Zelman, 3S
 Leyes, Maria, 1970
 Li, Cheng-Ming, 429S
 Lianet, Lucas, 2146
 Libertine, Lyn, 371S
 Lichtenstein, Daniel A., 2154
 Lieberman, Steven L., 725
 Light, Richard W., 202, 418, 1181
 Lilenbaum, Rogerio, 226S
 Limpairon, Nukool, 1512
 Lin, Jiunn-Lee, 539
 Lin, Lian-Yu, 1222
 Lin, Pyng Jing, 1647
 Lindberg, Henrik, 374S
 Lisbon, Alan, 460S
 Little, Frédéric F., 1786, 431S
 Little, Peter J., 1119
 Littner, Michael R., 7, 662
 Liu, Hong Wei, 392S
 Liu, Mark C., 643
 Liu, Xiangde, 372S, 427S
 Lo, Hung-Shun, 1957
 Lobo, Francisco R. M., 2043
 Lobo, Suzana M. A., 2043
 Logan, Alexander G., 1536
 Longo, Lucia, 313
 Lopes-Ferreira, Flavio, 2043
 Loubières, Yann, 2154
 Loukides, Stelios, 113
 Love, Robert B., 800
 Lower, Elyse E., 1329
 Luburic-Milas, Marijana, 1740
 Luh, Join Y., 304
 Luks, Andrew M., 639
 Luna, Carlos M., 977
 Lunau, Mary, 1939
 Lund, Christian, 442
 Luo, Linda, 426S
 Lüscher, Thomas F., 366
 Lutter, René, 391S
 Lutz, Ryan D., 425S
 Lynn, M., 363S
 Ma, Bing, 339S
 MacDermott, Mary, 875
 Maciocco, Marco, 1341
 Mackey, John R., 822
 Madan, Rashna, 1299
 Madias, John E., 979
 Mador, M. Jeffery, 1104

- Madtes, David K., 422S
 Maeda, Tadashi, 740
 Maehara, Yoshihiko, 545
 Maessen, Jos, 2089
 Maillet, Jean-Michel, 1361
 Majewski, Marcin, 1355
 Major, Marcie L., 1527
 Mal, Hervé, 1832
 Malagari, Katerina, 1196
 Malave, Hector A., 716
 Maliarik, Mary J., 1527
 Malolepszy, József, 1480
 Malone, John D., 1769
 Malouf, Monique A., 2162
 Mamoto, Takashi, 600
 Mandelberg, Avigdor, 481
 Mander, Annette, 778
 Mann, Douglas L., 716
 Manne, Upender, 181
 Mannino, David M., 119
 Manthous, Constantine A., 675
 Manzato, Massimo, 1753
 Marano, Francelyne, 373S
 Marceau, Armelle, 1832
 Marcus, J. Tim, 1803
 Margaritora, Stefano, 2162
 Margolis, Mitchell L., 147S
 Marik, Paul E., 1312
 Marín, Julio, 1773
 Mariscal, Dolores, 174
 Marko-Varga, György, 374S
 Marrie, Thomas J., 1142
 Martikainen, Rami, 283
 Martin, Claude, 49
 Martín, Concepción, 1996
 Martin, Linda D., 384S
 Martin, Richard J., 339S, 390S, 405S, 427S
 Martinez, Anthony, 1214
 Martín-García, Cristina, 1317, 2155
 Martins, Marneili, 107
 Mashimo, Takashi, 159
 Maskey-Warzechowska, Marta, 1054
 Massiani, Marie-Ange, 186S
 Massie, Clifford A., 1112
 Masters, Gregory A., 226S
 Mastrangelo, Giuseppe, 2160
 Matheson, Melissa, 1642
 Mathur, Praveen N., 176S
 Matsumura, Takeshi, 1060
 Matsuzawa, Yukinori, 54
 Maurer, Janet R., 504
 Maxfield, Roger A., 2115
 Maximiano, Elisabeth S., 345S
 Mayer-Hamblent, Nicole, 1495
 Mayfield, Jennie, 854
 Mazzaro, Franco, 1753
 Mazzoni, Maurizio, 1229
 McAnulty, Robin J., 428S
 McBurnie, Mary Ann, 387
 McCanley, Joel, 392S
 McClean, Melissa, 1642
 McConville, John, 392S
 McCool, Dennis, 949
 McCrory, Douglas C., 3S, 7S, 50S, 72S, 115S, 137S, 157S
 McDonell, Mary B., 1964
 McFarlin, Joyce, 1772
 McGarry, Ronald, 313
 McGregor, Neil, 998
 McGuire, Michelle, 875
 McKane, Shaun A., 384S
 McKenna, Robert J., Jr., 975
 McLaughlin, Peter R., 1749
 McLaughlin, Valerie, 1772
 McMurtry, Cynthia T., 2012
 McNamara, Robert, 387
 McNamee, Michael J., 1603
 McNeill, Lee, 102
 McParland, Brent E., 356S
 Mehra, Mandeep R., 1332
 Mehta, Atul C., 504, 129S
 Mehta, Jay B., 2150
 Mehta, Sanjay, 989
 Melendrez, Dominic, 310
 Mélot, Christian, 2043
 Mendoza, Laura, 1090
 Mendoza, Sergio, 1280
 Merlin, Toby L., 96S
 Mery, Giselle M., 1766
 Metze, Terri L., 356S, 428S
 Meyer, Christopher A., 277
 Meyer, Keith C., 800
 Meyers, Bryan F., 1026
 Meyers, Deborah A., 363S
 Miguel, Ann G., 433S
 Milani, Gianfranco, 652
 Milic-Emili, Joseph, 1038, 1386
 Miller, Albert, 1776
 Miller, Lisa A., 434S
 Miller, Richard, 301
 Miller, Timothy W., 2028
 Milleron, Bernard, 186S
 Milligan, Paul E., 499
 Mimouni, Marc, 736
 Minaei, Omar A., 504
 Mindikoglu, Ayse L., 956
 Mink, Steven N., 297
 Minuto, Aldo, 2057
 Mirabella, F., 417S
 Miravittles, Marc, 784
 Mirkovic, Tomislav, 1038
 Mishima, Michiaki, 1810
 Mitchell, Peter G., 1633
 Mitchell, Richard, 392S
 Mitsuzawa, Hiroaki, 426S
 Mixides, George, 966
 Miyatake, Kunio, 1583
 Mohacsi, Paul, 366
 Mohr, Raphael, 1348
 Mohsenifar, Zab, 1394
 Mokdad, Ali H., 119
 Mokhesi, Babak, 577, 897
 Molimard, Mathieu, 655
 Molina, Thierry, 1296
 Mönig, Stefan P., 463
 Montaudon, Michel, 359
 Moore, Nicholas, 655
 Moore, Paul E., 368S
 Moran, Brian R., 1758
 Morariu, Rodica, 1296
 Morell, Ferran, 2124
 Moreno, Asunción, 488
 Morero, José Luis, 1858
 Morgan, Wayne, 20
 Mori, Atsushi, 1988
 Moriarty, David G., 119
 Moriya, H. T., 363S
 Morohashi, Kazuaki, 1520
 Morris, David E., 226S
 Mortimer, Kathleen M., 1899
 Morton, Jeffrey D., 377S
 Moss, Marc, 923
 Moss, T.A., 356S
 Mount, Bruce E., 2028
 Movsas, Benjamin, 188S
 Moyers, J. Phillip, 418
 Mozziconacci, Monique, 49
 Müller, Nestor L., 1196
 Multicenter Airway Research Collaboration, 1472
 Muñoz, Xavier, 2124
 Murakami, Tomoyuki, 740
 Muraoka, Masashi, 293
 Murin, Susan, 1771
 Murio, Cristina, 784
 Murphy, Cathy, 374S, 375S
 Murray, David R., 664
 Murray, Patrick, 577, 897
 Musani, Ali I., 398S
 Mustafa, Syed, 809, 1953
 Mustajbegovic, Jadranka, 1740
 Nagaraja, Haikady N., 1977
 Nagaya, Noritoshi, 338, 1583
 Nagayasu, Takeshi, 293
 Nair, Chandra, 222
 Naito, Asuka, 1060
 Nakagawa, Takashi, 2007
 Nakajima, Yasuo, 1096
 Nakamura, Toshiaki, 159
 Nakanishi, Norifumi, 338, 1583
 Nakayama, Mika, 1060, 1775, 2001
 Nakhoul, Farid, 1577
 Nam, Myung, 1214
 Nanas, John, 1386
 Nanas, Serafim, 1386
 Narita, Masahiro, 668
 Naruke, Tsuguo, 619
 Nasraway, Stanley A., 451S
 Nataf, Patrick, 1361
 Nathan, Steven, 962
 Nathan, Steven D., 1758
 Nattama, Jaggarao, 716
 Naughton, Matthew T., 1119
 Naunheim, Keith S., 244S
 Navarro, Marta, 174
 Neff, Thomas A., 845
 Nelson, Carl, 1008
 Nelson, Harold S., 965
 Nelson, Judith E., 312S
 Nesme, Pascal, 1038
 Neuringer, Isabel P., 182S
 Newcomb, Dawn C., 384S
 Newman, Anne B., 387
 Newman, Donna, 429S
 Newton, Gary E., 1536
 Ng, Daniel K. K., 1561
 Niami, Imran, 966
 Niazi, Sultan, 345S
 Nick, Jerry A., 410S
 Nicolas, Jean M., 371S
 Niederman, Michael S., 1664
 Niell, Harvey B., 312S
 Nieva, Beatriz, 1858
 Niewoehner, Dennis E., 83S
 Nightingale, Julia A., 655
 Nijhuis, Monique, 391S
 Nijs, Jo, 998
 Nishimura, Koichi, 1810
 Nishimura, Masaji, 159
 Niven, Alexander S., 1254
 Nolan, Sheila, 949
 Noll, Georg, 366
 Nomori, Hiroaki, 619
 Noppen, Marc, 1314
 North, Scott A., 822
 Norton, H. James, 1367
 Norton, Ryan, 362S
 Noto, Andrea, 2057
 Novalbos, Ana, 1276
 Nowalk, Cynthia, 1758

- Nowiński, Adam, 1916
 Nugent, Jeffrey S., 1014
 Nugent, Kenneth, 1726
 Numata, Mari S., 4255
 Nunthapisud, Pongpun, 1512
 Nwasuruba, Chiagozie, 1408
 Nyunoya, Toru, 1280
- Obaji, James, 1983
 O'Brien, Paul, 1134, 1932
 O'Brien, Ralph G., 1425
 O'Byrne, Paul M., 411S
 Ochagavía, Ana, 1615
 Ochi, Naoto, 380
 Oda, Shinya, 545
 Oddo, Mauro, 2146
 O'Donnell, Christopher P., 689
 Oga, Toru, 1810
 Ogawa, Hiromasa, 1847
 Ogawa, Michio, 1248
 Ogino, Hitoshi, 338
 O'Hearn, Daniel, 87
 Ohshima, Kiyotaka, 1161
 Ohtsuka, Morio, 656, 2001
 Ohtsuka, Takashi, 619
 Oka, Tadayuki, 293
 Okazawa, Mitsushi, 1988
 Okumura, Hiroyuki, 1583
 Olaiz, Gustavo, 1090
 Olivenstein, Ron, 2074
 Olson, Eric J., 623
 Olson, Jeffrey, 309
 Omori, Kentaro, 1520
 O'Neil, Kevin, 1425
 Ono, Fumiaki, 1583
 Onyirimba, Faustinus, 1603
 Orens, Jonathan B., 629
 Orriols, Ramon, 2124
 Ost, David, 1788
 Ota, Masao, 54
 Ott, Michael C., 646
 Otten, Todd R., 809, 1953
- Pacht, Eric, 1977
 Pagano, Claudio, 1341
 Pagé, Nathalie, 424S
 Pai, Rakesh, 1322
 Palevsky, Harold I., 344
 Palmer, Scott M., 14
 Palomba, Bernard, 1401
 Paltiel, David, 1853
 Panagou, Panagiotis, 113
 Panettieri, Reynold A., Jr., 368S, 433S
 Papagiannis, Anthony, 2140
 Papamichalopoulos, Antonios, 1386
 Paparounas, Konstantinos, 608
 Papatheodorou, Georgios, 113
 Papazachou, Ourania, 1386
 Papis, Spyros, 1196
 Parada, Jorge, 1151
 Pardo, Annie, 1633
 Paré, Peter D., 356S, 438S
 Park, Gye Young, 475
 Park, Jeong Woong, 475
 Parker, John D., 1536
 Parker, Sydney, 3S
 Parodi, Oberdan, 1229
 Parsey, Merdad, 272
 Parsonnet, Julie, 835
 Parulekar, Wendy, 308
 Pascual, Rudolfo M., 433S
 Passero, Michael, 2155
- Patel, Anshul M., 1082
 Patel, Ashvin K., 1551
 Patel, Kalpesh C., 809, 1953
 Patel, Praful B., 1878
 Paterick, Timothy E., 646
 Patkar, Ashwin A., 1730
 Pattanajitvilai, Surapon, 426S
 Patterson, G. Alexander, 1026
 Paz, Yosef, 1348
 Peacock, Morris, 1838
 Peña, José M., 1970
 Penn, Raymond B., 433S
 Peres Bota, Daliana, 2043
 Pérez-Cecilia, Elisa, 1970
 Pérez-Padilla, Rogelio, 1090
 Perkins, Mark D., 107
 Perl, Trish M., 504S
 Perret, Eric, 373S
 Pesenti-Rossi, David, 2144
 Peters, Jay, 593
 Peters, Stephen P., 345S, 377S, 398S, 433S
 Peterson, Michael W., 452
 Petkov, Valentina I., 2012
 Petkov, Ventzislav, 1293
 Petrini, Marcy F., 1878
 Peuchmaur, Michel, 530
 Pevni, Dmitry, 1348
 Pfaltz, Madeleine, 2148
 Pforte, Almuth, 442
 Phan, Laura, 1151
 Philit, Francois, 1625
 Phillips, Michael, 2115
 Pierce, Robert J., 1932
 Pierrou, Stefan, 374S
 Pierson, Lee M., 1367
 Pierson, Mary E., 1367
 Pietrantonio, Celestino, 504
 Pilgram, Thomas K., 2019
 Pillar, Giora, 695
 Pirtle, Floyd, 1726
 Piyathilake, Chandrika J., 181
 Plopper, Charles G., 434S
 Podgorski, Krzysztof, 1284
 Poe, Robert H., 679
 Poets, Christian F., 96
 Polderman, Kees H., 1595
 Poleri, Claudia, 1858
 Pollack, Charles V., 891
 Porter, Samuel, 1838
 Porziella, Venziano, 2162
 Postma, D.S., 417S
 Postmus, Pieter E., 1803
 Potluri, Srinivasa, 1332
 Poulain, Magali, 1401
 Powers, Scott K., 195
 Prachand, Nikhil, 510
 Prakash, Udaya B. S., 284S
 Préfaut, Christian, 1401
 Prenzel, Klaus L., 463
 Priel, Israel E., 481
 Prieto, Luis, 993
 Pruszczyk, Piotr, 1947
 Psathakis, Kostas, 113
 Pucarin, Jasna, 1740
 Pugash, Robyn A., 351
 Pullerits, Teet, 432
 Punjabi, Naresh M., 1082
 Puścińska, Elżbieta, 1916
 Putney, Lei F., 434S
 Puyraud, Stéphane, 151
- Qarah, Samer, 953
 Quackenbush, John, 369S
- Quasney, Michael, 374S, 375S
 Queluz, Thais Thomaz, 813
 Quereda, Carmen, 1970
 Quinn, James M., 1014
 Quirce, Santiago, 1276
- Rabe, Klaus F., 929
 Rabin, David L., 406
 Ramírez, Remedios, 1633
 Rammos, Spyridon, 1772
 Ramp, Warren K., 1367
 Ramsdell, Joe W., 971
 Ramsey, Bonnie, 1495
 Rand, Cynthia S., 406
 Randall, Jill, 2062
 Randell, Scott H., 1825
 Raño, Ana, 488
 Rao Koppaka, Venkatarama, 967
 Rawlinson, Catherine A., 390S
 Raymond, Lawrence W., 5, 327
 Reardon, Michael J., 1766
 Redd, Stephen C., 119
 Reed, Carolyn E., 333
 Reesink, Koen, 2089
 Regalado-Pineda, Justino, 1090
 Reich, Jerome M., 963
 Reinhardt, Alistair K., 425S
 Reisner, Colin, 1817
 Reisner, Shimon A., 1577
 Reissig, Angelika, 2154
 Rello, Jordi, 174, 1615
 Ren, Clement L., 667
 Rengo, Franco, 1066
 Rennard, Stephen I., 372S, 427S
 Rennick, Donna, 439S
 Revuelta, J. Manuel, 1379
 Rex, M.D., 356S, 405S
 Rey, Christian, 2144
 Reybrouck, Tony, 325
 Rhondeau, Steven, 632
 Ribes, Julie, 291
 Ricci, John, 432S
 Rice, Annette, 422S
 Rich, Stuart, 1772
 Richardson, Meroula, 1119
 Richter, Joel E., 973
 Richter, Martin, 446S
 Rickard, Kathleen A., 965
 Ries, Dana, 385S
 Rikimaru, Toru, 1302
 Ringqvist, Ivar, 961
 Rinne, Neal, 653
 Ritter, Art, 432S
 Rivasi, Francesco, 313
 Rivera, M. Patricia, 129S, 221S
 Robertson, Noreen M., 345S
 Robinson, Lary A., 202S
 Robinson, Terry E., 1655
 Roachat, Thierry, 67
 Rodrigo, Carlos, 891, 1314, 1908
 Rodrigo, Gustavo J., 891, 1314, 1908
 Rodríguez, Cristina, 1858
 Rodríguez, Jose R., 1567
 Rodríguez, R. Michael, 418, 1181
 Roger, Thierry, 391S
 Rogers, Duncan F., 655
 Rogers, Jeffrey T., 418, 1181
 Rohatagi, Shashank, 430S
 Rojas, Rosalba, 1090
 Rom, William N., 1316, 2115
 Romagnoli, Isabella, 1794
 Romanelli, Alberto, 1341
 Romanello, Anna, 1625

- Romero, Pablo V., 1567
 Romero, Santiago, 1996
 Roney, Chris W., 1878
 Rooney, Cyril, 1280
 Rose, Cecile, 406
 Rosen, Mark J., 1316
 Rosenberg, Moisés, 1858
 Rosenfeld, Margaret, 28
 Rosenthal, Lawrence, 1299
 Rossi, Giulio, 313
 Rouhani, Farshid N., 765
 Roussos, Charis, 1386
 Roustian, Jérôme, 151
 Roviato, Giancarlo, 1341
 Rowe, Brian, 891, 960
 Roy, Thomas M., 2150, 2158
 Rozzini, Renzo, 1770
 Ruan, Jian, 438S
 Rubin, Arnon E., 643
 Rubin, Bruce K., 1792
 Rubin, Haya R., 941
 Rubin, Lewis J., 319
 Rubins, Jeffrey, 272S
 Rubinstein, Israel, 261
 Ruckdeschel, John C., 202S, 332S
 Rudd, Robin M., 97S, 105S
 Ruffenach, Alain, 1361
 Ruffin, Richard, 1838
 Rundell, Kenneth W., 468
 Rupp de Paiva, Sérgio Alberto, 813
 Russi, Erich W., 845, 2148
 Rybicki, Benjamin A., 1527
 Rynell, Ann-Christine, 1642
 Ryu, Jay H., 623
- Saarenin, Kimmo, 283
 Sabag, Anat, 1577
 Sabatini, Tony, 1770
 Safirstein, Benjamin H., 301
 Sahn, Steven A., 623
 Saikai, Toyohiro, 2160
 Sakakibara, Hiroki, 198S
 Sakamaki, Fumio, 338
 Sako, Takanori, 80
 Salahuddin, Nawal, 937
 Samet, Jonathan M., 21S
 Sancho, Jesús, 1773
 Sanders, Abraham, 1297
 Sandford, Andrew J., 438S
 Sandhaus, Robert, 142S
 Sannes, Philip L., 429S
 Sano, Hajime, 966, 1317
 Sant'Anna Ferreira, Cláudia Adria, 136
 Sasaki, Noriko, 338
 Sastre, Joaquín, 1276
 Sato, Eiichi, 952
 Sato, Susumu, 1810
 Satoh, Hiroaki, 656, 1060, 1775, 2001
 Satomi, Susumu, 1847
 Sauer, Henning, 187
 Saumon, Georges, 530
 Sause, William T., 221S
 Savov, Jordan D., 416S
 Scannell, Ralph T., 371S
 Scano, Giorgio, 1794
 Schachter, E. Neil, 862, 1740
 Schachter, Linda M., 1134, 1932
 Schaller, Marie-Denise, 2146
 Schelegle, Edward S., 434S
 Schenk, Peter, 1293
 Schiff, Elad, 1312
 Schlaud, Martin, 96
 Schluchter, Mark D., 1425
- Schmitz, John L., 1825
 Schmitz, Tim G., 42
 Schnall, Robert P., 695
 Schneider, Paul M., 463
 Schneider, Roslyn F., 1316
 Schols, Annemie M. W. J., 1416
 Schotland, Helena, 656
 Schreiber, Gilbert, 7S, 115S
 Schroeder, David, 222
 Schuermans, Daniel, 998
 Schulz, Martin, 458
 Schuurmans, Macé M., 627
 Schuyler, Mark, 1769
 Schwartz, Alan R., 689
 Schwartz, David A., 369S, 416S
 Schwartzman, Igor N., 369S
 Schwartzstein, Richard M., 1607
 Schwarz, Marvin I., 617
 Scichilone, Nicola, 1066
 Scientific Advisory Group and the
 Investigators of the Epidemiologic Study of
 Cystic Fibrosis, 20
 Sciruba, Frank, 1394
 Scott, Walter J., 188S, 221S
 Seabolt, John P., 291
 Sedrakyan, Artyom, 1853
 Seeds, Michael C., 372S, 376S
 Seirafi, Peter A., 280
 Sekizawa, Kiyohisa, 656, 1060, 1775, 2001
 Selig, William M., 371S
 Selman, Moisés, 1633
 Semigran, Marc J., 1488
 Serio, Kenneth J., 426S
 Servera, Emilio, 1773
 Sessler, Curtis N., 482S
 Seymour, Christopher, 1214
 Shade, David, 1082
 Shafazand, Shirin, 2157, 2158
 Shah, Ashok, 2165
 Shah, Nikunj, 956
 Shah, Rakesh D., 1788
 Shanely, R. Andrew, 195
 Shapira, Itzhak, 1348
 Shapira, Michael Y., 1312
 Sharma, Om P., 18
 Sharma, Sat, 297
 Shasby, D. Michael, 385S
 Shasby, Sandra, 385S
 Sheffy, Jacob, 695
 Shen, Hsiu-Nien, 1222
 Shepard, John, Jr., 1544
 Sherman, Glenda, 854
 Sherman, James, 1763
 Sherrill, Duane L., 1435
 Shikada, Yasunori, 545
 Shim, Jae Jeong, 1924
 Shimizu, Eiji, 80
 Shimizu, Noritaka, 372
 Shimizu, Yoshito, 1583
 Shin, Chol, 1924
 Shindoh, Chiyohiko, 1847
 Shiraki, Tsuyoshi, 1988
 Shlobin, Oksana A., 1607
 Shore, Stephanie A., 368S, 369S
 Shorr, Andrew F., 962
 Shpiner, Isaac, 1018
 Shrier, Ian, 399
 Shupak, Avi, 2112
 Siegel, Paul, 862
 Silbergleit, Allen, 809, 1953
 Silkoff, Philip E., 371S
 Silva, Graciela E., 1435
 Silverman, Eric S., 368S
 Silverman, Robert, 1314, 1472
- Silvestri, Gerard A., 333, 147S, 167S, 1693
 Siminiak, Tomasz, 1355
 Simoff, Michael, 284S
 Simon, George R., 259S
 Simon, Stuart, 772
 Sin, Don D., 1536
 Singla, Rupak, 308
 Sinning, Jan M., 463
 Sinuff, Tasnim, 2062
 Sinvhal, Ranjeeta, 307
 Sirvent, Josep-Maria, 518
 Sisley, Brandy N., 310
 Skatrud, James B., 1551
 Skowron, Marie, 373S
 Slone, Richard M., 2019
 Smit, Henk J., 1803
 Smith, Arnold L., 1495
 Smith, Philip L., 689
 Smythe, W. Roy, 181S
 Snyderman, David R., 500S
 Socinski, Mark A., 226S
 Soemers, Cecile, 2089
 Soler, Markus, 436
 Soliman, Hosam M., 2043
 Solin, Peter, 1119
 Solinas, Costantino, 1229
 Solway, Julian, 392S
 Someck, Eli, 481
 Soong, Christine, 1544
 Soroksky, Arie, 1018
 Souidi, Abdelkader, 1868
 Spanish Collaborative Group for Infections in
 Intensive Care Units of Sociedad Espanola
 de Medicina Intensiva, Critica y Unidades
 Coronarias, 1615
 Speer, Marcy, 369S
 Spiegler, Peter A., 1895
 Spiering, Barry A., 468
 Spijkstra, Jan Jaap, 1595
 Spiro, Stephen G., 97S, 105S
 Spyropoulos, Alex C., 316
 Stav, David, 1018
 Steimel, Joanne, 406
 Stein, Paul D., 809, 1953
 Stein, Sonja, 845
 Stelmach, Rafael, 136
 Stevens, Allen D., 428S
 Stewart, Craig E., 277
 Stewart, Kerry J., 2104
 Stiebelhner, Leopold, 1293
 Stocker, Reto, 845
 Stocks, James, 1408
 Stoller, James K., 765, 142S
 Stone, Andrew C., 949
 Stoupis, Christophoros, 1196
 Stovall, Mary Y., 434S
 Stover, Diane, 60S
 Strange, Charlie, 332
 Strulovitch, Carla, 399
 Sturdy, Gavin, 142
 Su, Ming-Jai, 539
 Sueda, Shozo, 380
 Suemasu, Keiichi, 619
 Sugi, Kazuro, 740
 Sugimachi, Keizo, 545
 Sundar, Krishna M., 1673
 Susini, Giuseppe, 1229
 Sutedja, Tom, 176S
 Sutherland, E. Rand, 356S, 405S, 428S
 Suwatanapongched, Thitiporn, 2019
 Suyama, Hisashi, 80
 Suyama, Naofumi, 293
 Suzuki, Eiichi, 1520
 Szeffler, Stanley J., 434S

Szulc, Marcin, 1947

Tager, Ira B., 1899
Taha, Rame, 2074
Taichman, Darren B., 344
Tajima, Akihiko, 372
Takada, Toshinori, 1520
Takano, Hirohisa, 966, 1317
Takayama, Tetsuro, 1847
Takeda, Akira, 1096
Takeda, Katsuyuki, 4105
Takeyama, Hiroyasu, 740
Tal, Guy, 481
Tan, Bethany B., 89S
Tanaka, Eiji, 1248
Tanaka, Hiroshi, 524, 2160
Tanoue, Lynn T., 147S
Tashkin, Donald, 1441
Tate, Ramsey C., 72S
Taube, Christian, 410S
Tavel, Morton E., 1749
Taylor, Addison A., 716
Taylor, Philip E., 433S
Teirstein, Alvin S., 301, 406, 413
Teppema, Luc, 1450
Teramoto, Shin, 524
Terasaki, Yusuke, 372S
Terrin, Michael, 413
Thabut, Gabriel, 1832
Thompson, Bruce W., 406
Thompson, Melinda, 312S
Thomson, Neil C., 1480
Tiddens, Harm A. W. M., 2083
Tiep, Brian, 1408
Tkachuk, Linda, 822
Tobacman, Joanne K., 2130
Tockman, Melvyn, 653
Tolozza, Eric M., 7S, 137S, 157S
Tompkins, Leslie, 429S
Tonelli, Mark R., 792
Torbicki, Adam, 1947
Torres, Antoni, 48S
Torres, Victor, 1090
Torres-Tortosa, Mannel, 1970
Tosiello, Lorraine, 307
Tournier, Frédéric, 373S
Tov, Naveh, 1577
Trabucchi, Marco, 1770
Tracy, Russell P., 387
Treadway, Glenda, 772
Tremblay, Alain, 1202
Trudeau, John B., 371S
Tritt, Terrance, 12S
Truitt, Jonathon Dean, 1779
Tsai, Chien-Chen, 539
Tsao, Ching-Hsiung, 757
Tschernig, Thomas, 439S
Tseng, Yung-Zu, 539
Tsukino, Mitsuhiro, 1810
Tuder, Rubin M., 629
Tulić, Meri K., 348S
Tullis, Elizabeth, 37
Tun, Carlos G., 72S
Turino, Gerard M., 76S
Turlington, Bruce, 658
Tuteur, Peter G., 2019
Tyler, Nancy K., 434S

Uchiyama, Akinori, 159
Udri, Edmunds M., 1964
Uemura, Hiroyuki, 198S
Uemura, Shigeki, 1161

Uitti, Jukka, 283
Uixera, Sonia, 993
Unger, Michael, 272S
Upson, Dona J., 1321
Uraoka, Tadao, 380
Urban, Bruce A., 1758
Urschitz, Michael S., 96
Urschitz-Duprat, Pilar M., 96
Usachenko, Jodie L., 434S
Usuki, Jiro, 2007

Val-Bernal, J. Fernando, 1379
Valencia, M. Eulalia, 1970
Valenta, Rudolf, 433S
Valles, Jordi, 174, 1615
Valli, Riccardo, 313
Vallieres, Eric, 1323
Van De Water, Joseph M., 2028
van den Berge, Maarten, 417S
van der Sluijs, Koen, 391S
van der Veen, Erik, 2089
van der Vusse, Ger J., 1416
van der Weijden, Saskia, 1803
van Heerden, Peter V., 869
van Ommen, Vincent, 2089
van Oosterhout, Anton, 431S
van Ruth, Serge, 551
Van Scoder, Linda L., 1284
Van Thiel, David H., 956
van Wissen, Matthijs, 391S
Vandewoude, Koenraad H., 1208
Vardon, Guy, 530
Vargaftig, Bernardo Boris, 345S
Varma, Chetan, 1749
Varoli, Federico, 1341
Varon, Joseph, 1312
Varray, Alain, 1401
Vathesatogkit, Pratan, 272
Vaz de Arruda Silveira, Liciania, 813
Vázquez, María Fernanda, 1858
Veale, Dan, 1460
Velloso, Marcelo, 1047
Velmahos, George C., 677
Ventura, Hector O., 1332
Vergani, Contardo, 1341
Vergnon, Jean-Michel, 176S
Verleden, Geert M., 751
Via, Patricia S., 2012
Vidaur, Loreto, 518
Vignola, A.M., 417S
Vignon, Philippe, 151
Villanueva, Jaime, 956
Villanueva, José L., 1970
Vincent, Jean-Louis, 652, 2043
Vincken, Walter, 998
Voelker, Dennis R., 425S, 426S
Vogel, Robert L., 2028
von Einem, Volker, 96
Vonbank, Karin, 1293
Vonk-Noordegraaf, Anton, 1803
Vos, Paul, 828
Vos, Petra, 1450

Wagenaar, Michiel, 1450
Wagers, Scott, 362S
Wagner, Henry, 259S
Wagner, Henry, Jr., 202S
Walding, David L., 2050
Walker, James M., 632
Walker-Engström, Marie-Louise, 961
Walley, Keith R., 1266
Waltz, David A., 28

Wang, Ko-Pen, 643
Wang, Lu, 356S
Wang, Shuibang, 369S
Wang, Yao-Chang, 1647
Warner, Teddy D., 310
Watanabe, Hiroshi, 372, 952
Watanabe, Kouki, 380
Watanabe, Seiichiro, 1161
Waterer, Grant W., 335, 1328
Waterman, Amy D., 499
Wattanatham, Anan, 1512
Weaver, Edward M., 961
Webb, Alistair L., 195
Weber, Thomas, 1375
Weinacker, Ann, 835, 2157
Weinstein, Stephen P., 1730
Weisberg, Jeffrey, 309
Weiss, Heidi, 181
Weitzenblum, Emmanuel, 704
Wellman, D. Andrew, 923
Wels, Bruce F., 371S
Welter, Debbie, 800
Wen, Fu-Qiang, 372S, 427S
Wenzel, Sally, 371S, 405S
Westcott, Jay Y., 428S
Wester, Jos P.J., 159S
Wewers, Mark D., 1977
Whately, Ralph, 828
Whitmer, Mike, 862
Whyte, Kenneth F., 1127
Widdicombe, Jonathan H., 1467
Widlitz, Allison, 1772
Williams, James H., Jr, 332S
Wilmott, Robert W., 28
Winer-Muram, Helen T., 277
Winter, Michael C., 385S
Wise, Robert A., 307, 1082, 1394
Wislez, Marie, 1868
Witko, James, 128
Witzling, Michaela, 481
Wohl, Mary Ellen B., 20
Wolff, Judith, 96
Woodruff, Prescott G., 1472
Woolf, Steven H., 222, 244
Worsnop, Christopher J., 1338
Wouters, Emiel F. M., 1416
Wu, Chiung-Jen, 1170
Wu, Huey-Dong, 1222
Wu, Yi-Cheng, 1647
Wubbel, Catherine, 1763
Wypij, Donna M., 371S
Wysocki, Henryk, 1355

Xafenias, Athanasios, 2140
Xaubet, Antoni, 48S
Xie, Ailiang, 1551

Yamada, Hidehiro, 1096
Yamamoto, Kozo, 1161
Yamashita, Jun-ichi, 1248
Yang, Pan-Chyr, 1222
Yang, Shawn X., 711
Yang, Stephen C., 629
Yanir, Yoav, 2112
Yarnold, Paul R., 1151
Yeh, Chi-Hsiao, 1647
Yeh, Kuo-Ho, 1170
Yeh, Kuo-Wei, 757
Yen, David, 439S
Yigla, Mordechai, 1577
Yim, Anthony P.C., 424
Yip, Hon-Kan, 1170

Yoo, Se Hwa, 1924
Yoshikawa, Junichi, 596, 600
Yoshikawa, Toshikazu, 966, 1317
Yoshino, Ichiro, 545
Young, Michelle A., 371S
Yu, Chong-Jen, 1222
Yu, Nelson C., 504
Yu, Teng-Hung, 1170
Yusen, Roger D., 1026

Zaas, David, 14
Zabner, Joseph, 385S
Zafra, María J., 1773
Zamarrón, Carlos, 1567
Zanetti Feltrin, Maria Ignez, 136
Zangrilli, James, 345S, 377S, 398S
Zarogoulidis, Kostas, 2140
Zech, Karl, 430S
Zeharia, Avraham, 736
Zergeroglu, A. Murat, 195

Zervas, Eleftherios, 113
Zhang, Qing, 374S, 375S
Zheng, Tao, 339S, 375S
Zhu, Hongyun J., 1655
Zhu, Zhou, 339S, 375S
Zieliński, Jan, 959, 1916
Ziesche, Rolf, 1293
Zoetmulder, Frans A. N., 551
Zoia, Maria C., 959
Zuskin, Eugenija, 862, 1740

SUBJECT INDEX

Volume 123 (JANUARY-JUNE, 2003)

- Abnormalities: See also Genetics; agenesis of pulmonary artery, 966
- Absorptiometry, central dual-energy X-ray, osteoporosis in pulmonary clinic patients: does point-of-care screening predict [it]? 2012
- ACCP-SEEK board review question of the month, diffuse tracheal narrowing with recurrent bronchopulmonary infections, 289
- hemoptysis, history of oral ulcers, and abnormal chest radiograph in a 64-year-old man, 617
- woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- ACE: See Angiotensin-converting enzyme
- Acetaminophen, adult toxicology in critical care; part II: specific poisonings, 897
- Acetazolamide, comparison of medroxyprogesterone and, as respiratory stimulants in hypercapnic patients with COPD, 1450
- Achalasia, fever, cough, and bilateral lung infiltrates, 608
- Acid: See Gastroesophageal reflux; Hydrochloric acid
- Acid fog, long-term induced airway hyperresponsiveness, neurokinin-1 and neurokinin-2 antagonism inhibits, 524
- Acidosis, lactic, severe, in a patient with type 2 diabetes mellitus, hypertension, and renal failure, 1726
- Acquired immunodeficiency syndrome: See HIV infections
- Actin dynamics, Mar. Supp., 392S
- Actinomycosis, endobronchial, and foreign body, 656
- Activities of daily living: See Exercise
- Activity: See Exercise
- Acupuncture, missing the (acu) point, 1312, 1313
- Acute lung injury: See Lung injury
- Acute Physiology and Chronic Health Evaluation: See APACHE
- Addiction, nicotine: See Smoking
- Adenocarcinoma, pneumonic type, of the lung, clinical characteristics of, 1868
- Adenosine, airways responsiveness: what does it mean? 971
- deaminase, diagnostic significance of interferon- γ in tuberculous pleural effusions, 740
- 5'-monophosphate, effect of cigarette smoking on airway responsiveness to, in subjects with allergic rhinitis, 993
- 5'-monophosphate, provocation with, increases sputum eosinophils, Mar. Supp., 417S
- receptors, 971
- receptors, new and exploratory therapies for asthma, Mar. Supp., 439S
- Adherence (compliance): See Patients
- Adhesion molecules, [ICAM-1] diagnosis and treatment of rhinovirus respiratory infections, 1664
- soluble, transcardiac release of, during coronary artery bypass grafting: effects of crystalloid and blood cardioplegia, 1355
- Adolescents, chronic eosinophilic pneumonia, 1763
- questions on life satisfaction for adults and, with cystic fibrosis, 42
- smoking: not for anyone, 133S
- Adrenal insufficiency, a 63-year-old man with suspected lung cancer and acute renal failure, 2140
- Adrenergic β agonists, difficult step in meta-analysis: refining the search, 960
- triple inhaled drug protocol for the treatment of acute severe asthma, 190S
- Adrenergic β_2 agonists, cardiovascular safety of salmeterol in COPD, 1817
- comparison of the effects of salbutamol and ipratropium bromide on exercise endurance in patients with COPD, 1810
- risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, 1964
- top ten list in asthma, 593
- Adrenergic β -blockers, adult toxicology in critical care; part II: specific poisonings, 897
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Adrenergic β responsiveness, circulating levels of tumor necrosis factor correlate with indexes of depressed heart rate variability: patients with mild-to-moderate heart failure, 716
- Adrenergic β_2 receptors, polymorphisms in children with status asthmaticus, Mar. Supp., 375S
- Adverse events: See Antitrypsin; Drug reactions; Hypersensitivity
- Aerobic capacity, 1794
- AeroDose inhaler: See Nebulizers
- Aerogenous propagation, clinical characteristics of pneumonic-type adenocarcinoma of the lung, 1868
- Aerosols: See also Corticosteroids; Nebulizers; efficacy and safety of beclomethasone dipropionate extrafine aerosol in childhood asthma: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164
- efficiency of pulmonary administration of tobramycin solution for inhalation in cystic fibrosis using an improved drug delivery system, 28
- heliox for status asthmaticus? 675
- nebulized 3% hypertonic saline solution: treatment in hospitalized infants with viral bronchiolitis, 481
- pulmonary effects of long-term exposure to pentamidine: a 5-year surveillance study in HIV-infected patients, 1983
- risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, 1964
- so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- two aerosolized nitric oxide adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- African-Americans, siblings, occupational risk factors for sarcoidosis in, 1527
- Age and aging, atrial fibrillation is associated with accumulation of aging-related common type mitochondrial DNA deletion mutation in human atrial tissue, 539
- chronic heart failure management: a realistic program, 1770
- cross-cultural comparison of critical care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- diabetes mellitus may increase risk for idiopathic pulmonary fibrosis, 2007
- diagnosis of airflow limitation combined with smoking cessation advice increases stop smoking rate, 1916
- disability and, affect misdiagnosis of COPD in elderly asthmatics: the SARA Study, 1066
- factors influencing outcomes in cystic fibrosis, 20
- logistic regression analysis of potential prognostic factors for pulmonary thromboembolism, 813
- lung volume reduction surgery update, 975
- megestrol complications, 309, 310
- prevalence and correlates of airway obstruction in a community-based sample of adults, 1924
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- self-reported asthma and health-related quality of life, 119
- the 6-min walk test: a quick measure of functional status in elderly adults, 387
- variation in diaphragm position and shape in adults with normal pulmonary function, 2019
- Agenesis: See Abnormalities
- Agriculture, risk of asthma among Finnish patients with occupational rhinitis, 283
- AIDS: See HIV infections
- Airflow obstruction: See Airway obstruction
- Air-oxygen mixtures, heliox vs, for the treatment of patients with acute asthma: a systematic overview, 882
- Air pollution, role of fungal spores in thunderstorm asthma, 745
- Air trapping, quantitative measurements, automated approach to, in mild cystic fibrosis, 1655

- Air travel, altitude pulmonary edema below 8,000 feet: what are we missing? 5
- Airway: See also Airway hyperresponsiveness; Airway inflammation; Airway obstruction, *below*; Upper airway resistance syndrome; epithelium, Mar. Supp., 372S, 373S, 377S, 391S, 439S
- fibrosis in asthma, Mar. Supp., 422S
- infiltration, endobronchial ultrasound reliably differentiates between compression by tumor and, 458
- pressures, effects of short-term pressure-controlled ventilation on gas exchange, gas distribution and, in patients with acute lung injury/ARDS: comparison with volume-controlled ventilation, vol. 122:1382-1388; erratum, vol. 123:315
- remodeling, Mar. Supp., 417S, 424S
- secretion management [and success or failure of noninvasive ventilation], 1773
- upper, resistance syndrome, 12, 87
- Airway hyperresponsiveness, Mar. Supp., 356S, 411S, 427S;
- associations between bronchial hyperresponsiveness and immune cell parameters in patients with chronic fatigue syndrome, 998
- concomitant chronic sinusitis treatment in children with mild asthma: the effect on bronchial hyperresponsiveness, 757
- inflammatory responses, Mar. Supp., 391S, 427S, 431S, 446S
- long-term acid fog-induced, neurokinin-1 and neurokinin-2 antagonism inhibits [it], 524
- need for monitoring nonspecific bronchial hyperresponsiveness before and after isocyanate inhalation challenge, 1276
- prolonged reactions, and systemic inflammatory reactions after smoke inhalation, 475
- response to low-dose allergen exposure in allergic nonasthmatic and asthmatic subjects: eosinophils, fibronectin, and vascular endothelial growth factor, Mar. Supp., 430S
- responsiveness, adenosine: what does it mean? 971
- responsiveness, effect of cigarette smoking on, to adenosine 5'-monophosphate in subjects with allergic rhinitis, 993
- Airway inflammation, Mar. Supp., 369S, 446S; adenosine airways responsiveness: what does it mean? 971
- cellular composition and macrophage phenotype in induced sputum in smokers and ex-smokers with COPD, 1054
- COPD: is chemotaxis the key? 983
- inflammatory responses, Mar. Supp., 391S, 427S, 431S, 446S
- prolonged reactions, and systemic inflammatory reactions after smoke inhalation, 475
- Airway obstruction: See also Pulmonary diseases, chronic obstructive; chronic, acute effects of hyperoxia on dyspnea in hypoxemia patients with, at rest, 1038
- closure, Mar. Supp., 355S, 362S
- diagnosis of airflow limitation combined with smoking cessation advice increases stop smoking rate, 1916
- heliox for status asthmaticus? 675
- heliox redux, 673
- "irreversible," outcome measurements in COPD: are we schizophrenic? 1325
- is it difficult to diagnose sarcoidosis? 330
- prevalence and correlates of, in a community-based sample of adults, 1924
- upper, Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- Airway stents: See Stents
- Albumin: See also Hypoalbuminemia; volume expansion with, decreases mortality after coronary artery bypass graft surgery, 1853
- Albuterol, comparison of the effects of ipratropium bromide and, on exercise endurance in patients with COPD, 1810
- IV magnesium in the treatment of acute severe asthma? 1314, 1315, 1316
- racemic, levalbuterol compared to: efficacy and outcomes in patients hospitalized with COPD or asthma, 128
- top ten list in asthma, 593
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Alcoholic cardiomyopathy and ventricular arrhythmias, 1320
- Alcohols, adult toxicology in critical care: part II: specific poisonings, 897
- Alkanes, detection of lung cancer with volatile markers in the breath, 2115
- Allergy: See Hypersensitivity
- α_1 -antitrypsin: See Antitrypsin
- Alternative medicine, missing the (acu) point, 1312, 1313
- Altitude, high-altitude pulmonary edema at moderate altitude (<2,400 m; 7,870 feet): a series of 52 patients, 49
- polymorphisms of the tyrosine hydroxylase gene in subjects susceptible to high-altitude pulmonary edema, 54
- pulmonary edema below 8,000 feet: what are we missing? 5
- Alveoli, hemorrhage, diffuse, leptospirosis presenting as, 639
- Ambulatory care, community-acquired pneumonia in Southeast Asia: the microbial differences between ambulatory and hospitalized patients, 1512
- efficacy and safety of azithromycin vs levofloxacin in the outpatient treatment of acute bacterial exacerbations of chronic bronchitis, 772
- identifying sleep apnea, 656
- patient use of the Internet for information in a lung cancer clinic, 452
- American College of Chest Physicians, diagnosis and management of lung cancer: ACCP evidence-based guidelines, Jan. Supp., 1S-328S
- guidelines for interventional pulmonary procedures, 1693
- smoking: not for anyone, 1338
- Aminoglycosides, antibiotic therapy of ventilator-associated pneumonia, 670
- variability in antibiotic prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- Aminophylline, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- Amiodarone, low-dose, pulmonary toxicity in patients receiving, 646
- Amphetamines, adult toxicology in critical care: part II: specific poisonings, 897
- Amrinone, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- Amyotrophic lateral sclerosis, secretion management, 1773
- Anaerobic blood cultures: useful in the ICU? 2158, 2159
- Analgesia: See also Pain; distraction therapy with nature sights and sounds reduces pain during flexible bronchoscopy, 941
- ANCA: See Antineutrophilic cytoplasmic antibody
- Angina, pure coronary spastic, limitations of medical therapy in patients with, 380
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- Angiogenesis, tumor, new diagnostic tool for, 966
- Angiography, acute myocardial infarction with simultaneous ST-segment elevation in the precordial and inferior leads: evaluation of anatomic lesions and clinical implications, 1170
- clinical outcome after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- limitations of medical therapy in patients with pure coronary spastic angina, 380
- Angioplasty, coarctation of the aorta in an adult, 1749
- Angiotensin-converting enzyme inhibitors, left ventricular dysfunction and sleep apnea syndrome: cause or consequence? 1774
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- variability of sarcoidosis: can we predict it? 1329
- Angiotensin II receptor antagonists, treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Animal research: See Laboratory and animal investigations
- Anoxemia, acute effects of hyperoxia on dyspnea in hypoxemia patients with chronic airway obstruction at rest, 1038
- adult toxicology in critical care: part I: general approach to the intoxicated patient, 577
- evaluation of health-related quality of life in low-income patients with COPD receiving long-term oxygen therapy, 136
- fat embolism syndrome, 982
- proteinuria in COPD patients with and without respiratory failure, 652, 653
- respiratory failure after lung transplantation, 165
- Anoxia, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244

- pulmonary vascular responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- ANTADIR: See France
- Anterior descending artery, left, acute myocardial infarction with simultaneous ST-segment elevation in the precordial and inferior leads, 1170
- Anthrax, immunization, link between hypersensitivity pneumonitis and? 1769
- Antibiotic resistance: See Drug resistance
- Antibiotic therapy, blood cultures in community-acquired pneumonia: are we ready to quit? 977
- combination, with macrolides in community-acquired pneumonia: more smoke but is there any fire? 1328
- contribution of blood cultures to the clinical management of adult patients admitted to the hospital with community-acquired pneumonia, 1142
- diagnostic dilemma in suspected ventilator-associated pneumonia: one size will never fit all, 335
- early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- factors influencing outcomes in cystic fibrosis, 20
- hospital-acquired pneumonia: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- impact of initial choice on clinical outcomes in community-acquired pneumonia [macrolides], 1503
- inappropriate, community-acquired bloodstream infection in critically ill adult patients: impact of shock and, on survival, 1615
- macrolide, tissue reparative effects of, in chronic inflammatory sinopulmonary diseases, 261
- microscopic examination of intracellular organisms in protected bronchoalveolar mini-lavage fluid for the diagnosis of ventilator-associated pneumonia, 518
- parenteral administration, susceptibility testing of *Pseudomonas aeruginosa* isolates and clinical response to: lack of association in cystic fibrosis, 1495
- variability in prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- ventilator-associated pneumonia: in search of the magic bullet, 670
- Anticholinergic agents, comparison of the effects of salbutamol and ipratropium bromide on exercise endurance in patients with COPD, 1810
- IV magnesium in the treatment of acute severe asthma? 1314, 1315, 1316
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Anticoagulants, warfarin dose reduction vs watchful waiting for mild elevations in the international normalized ratio, 499
- Antidepressants, cyclic: adult toxicology in critical care: part II: specific poisonings, 897
- Antigens: See also HLA: *Mycoplasma pneumoniae*, stimulate interleukin-8, 425S
- serologic diagnosis of tuberculosis using a simple commercial multiantigen assay, 107
- Antihypertensive agents, treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Anti-inflammatory therapy, early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- Antimicrobial therapy: See Antibiotic therapy
- Antineutrophil cytoplasmic antibody, hemoptysis, history of oral ulcers, and abnormal chest radiograph in a 64-year-old man, 617
- pulmonary interstitial fibrosis as a presenting manifestation in perinuclear ANCA microscopic polyangiitis, 297
- Antioxidants, catalytic, inhibition of airway inflammation and hyper-reactivity by, Mar. Supp., 446S
- Antistreptokinase antibody, level, effect of intrapleural streptokinase administration on, in patients with loculated pleural effusions, 432
- Antitrypsin, α_1 -, augmentation therapy with: patterns of use and adverse events, 1425
- phenotypes and decline in FEV₁ in a community population, longitudinal study, 1435
- severe deficiency, asthma features in: experience of the National Heart, Lung, and Blood Institute registry, 765
- Antitubercular agents, pyrazinamide and rifampin vs isoniazid for the treatment of latent tuberculosis: improved completion rates but more hepatotoxicity, 102
- Antiviral agents, diagnosis and treatment of rhinovirus respiratory infections, 1664
- Aorta, coarctation of, in an adult: problems of diagnosis and management, 1749
- efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- Aortic dissection, acute, d-dimer in, 1375
- APACHE, respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants 504
- ARDS: See Respiratory distress syndrome, adult
- Apnea: See also Sleep apnea; Sleep apnea syndromes, obstructive; nasal oxygen and muscle sympathetic nerve activity in heart failure, 366
- Apnea-hypopnea index, effects of nasal continuous positive airway pressure on oxygen body stores in patients with Cheyne-Stokes respiration and congestive heart failure, 59
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in congestive heart failure, 322
- predicting sleep apnea and excessive day sleepiness in the severely obese: indications for polysomnography, 1134
- relationships between insomnia and sleep-disordered breathing, 310, 311
- Apoptosis: See Cardiomyocytes; Eosinophilia
- Approximate entropy: See Entropy
- ARG19 polymorphism, Mar. Supp., 368S
- Argon plasma coagulation, guidelines, 1693
- Armed forces: See US Defense Department
- Arms, limb muscle contractility, effects of chronic intermittent asphyxia on rat diaphragm and, 875
- metabolic and ventilatory parameters of four activities of daily living accomplished with, in COPD patients, 1047
- upper extremity deep venous thrombosis, 1953
- Arousal, relationships between insomnia and sleep-disordered breathing, 310, 311
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Arrhythmia, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- ventricular, alcoholic cardiomyopathy and, 1320
- Arterial distensibility, BP and, in children with primary snoring, 1561
- Arteriovenous malformations, pulmonary, contrast echocardiography remains positive after treatment of, 351
- pulmonary, role of echocardiography in screening for, 320
- Arthritis, interferons and their application in the diseases of the lung, 209
- Artificial respiration: See Respiration, artificial
- Arylsulfatase B, does deficiency of, have a role in cystic fibrosis? 2130
- Asia, Southeast, community-acquired pneumonia in, 1512
- Aspen Lung Conference, 45th annual Thomas L. Petty Lung Conference: asthma in the new millennium, Mar. Supp., 339S-450S
- Aspergillosis, cavitary pulmonary, 929
- Aspergillus, infection in lung transplant recipients with cystic fibrosis, 800
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- Asphyxia, effects of chronic intermittent, on rat diaphragm and limb muscle contractility, 875
- Aspiration, acid, tracheobronchial stenosis from, presenting as asthma, 643
- best shot, 965
- Aspiration biopsy: See Biopsy
- Aspiration pneumonia: See Pneumonia, aspiration
- Aspirin-induced asthma, cyclooxygenase-2 inhibitors in, 1317, 1318
- Aspirin-sensitive asthma, COX-2 inhibitors in, 2155, 2156
- Asthma: See also Pulmonary diseases, chronic obstructive; acute attack, pilot prospective, randomized, placebo-controlled trial of bilevel positive airway pressure in, 1018
- acute: difficult step in meta-analysis: refining the search, 960
- acute, heliox vs air-oxygen mixtures for the treatment of patients with: a systematic overview, 882

acute, reduced intracellular Mg concentrations in patients with acute asthma, 113

acute, severe, triple inhaled drug protocol for the treatment of, 190S

acute, use of helium-oxygen mixtures in the treatment of: a systematic review, 891

adenosine airways responsiveness: what does it mean? 971

aging and disability affect misdiagnosis of COPD in elderly asthmatics: the SARA Study, 1066

alternate treatments in, 1254

aspirin-induced, cyclooxygenase-2 inhibitors in, 1318

aspirin-sensitive, COX-2 inhibitors in, 2155, 2156

atopic asthmatics, T helper type 2 cytokine receptors and associated transcription factors in induced sputum, 2074

childhood, efficacy and safety of beclomethasone dipropionate extrafine aerosol in: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164

chronic cough: practical considerations, 659

cigarette smoking among asthmatic adults, 1472

clarification of salmeterol studies, 965

control, budesonide and formoterol in a single inhaler improves, compared with increasing the dose of corticosteroid in adults with mild-to-moderate asthma, 1480

features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765

heliox for status asthmaticus? 675

how to design a negative study, 655, 656

in the new millennium: 45th annual Thomas L. Petty Lung Conference, Mar. Supp., 339S-450S introduction, 339S; transgenic modeling of interleukin-13 in the lung, 339S; overlap between death receptor and non-receptor-mediated mechanisms during apoptosis in human eosinophilia, 345S; isolation and characterization of hemopoietic cells from lungs of allergic mice, 345S; contribution of the distal lung to the pathologic and physiologic changes in asthma: potential therapeutic target; Roger B. Mitchell Lecture, 348S; hydrolysis of surfactant phospholipids catalyzed by phospholipase A_2 and eosinophil lysophospholipases causes surfactant dysfunction: a mechanism for small airway closure in asthma, 355S; interleukin-4 and interleukin-13 augment the proliferative effect of dexamethasone on distal lung fibroblasts, 356S; functional consequences of structural changes in the airways: implications for airway hyperresponsiveness in asthma, 356S; role of fibrin in determining airway closure, 362S; peripheral lung responsiveness assessed by forced oscillations through the wedged bronchoscope, 363S; mapping susceptibility genes for allergic diseases, 363S; effect of dexamethasone on β_2 -adrenergic desensitization in airway smooth muscle: role of the ABC19 polymorphism, 368S; genetics of innate immunity in the lung, 369S; macrophage inflammatory protein-2 levels are associated with changes in serum leptin concentrations following ozone-induced airway inflammation, 369S; increased expression of interleukin-9 messenger RNA after segmental allergen challenge in allergic asthmatics, 370S; increased messenger RNA expression of c-maf and GATA-3 after segmental allergen challenge in allergic asthmatics, 370S; UCB 62045: pharmacology of a novel, dual-function anti-inflammatory agent with histamine type 1 receptor antagonist and 5-lipoxygenase inhibitor activity, 371S; relationship of induced-sputum inflammatory cells to BAL and biopsy, 371S; eosinophil cationic protein concentration in saliva does not correlate with eosinophil cationic protein concentration in sputum, 372S; interferon- γ reduces interleukin-4 and interleukin-13 augmented transforming growth factor- β_2 production in human bronchial epithelial cells by targeting smads, 372S; interleukin-13 alters mucociliary differentiation of human nasal epithelial cells, 373S; identification of genes and proteins regulated by interleukin-5 in human eosinophils using microarrays and two-dimensional electrophoresis/mass spectrometry, 374S; lack of association between the tumor necrosis factor- α regulatory region genetic polymorphisms associated with elevated tumor necrosis factor- α levels and children with asthma, 374S; β_2 -adrenergic receptor polymor-

phisms in children with status asthmaticus, 375S; interleukin-13 induces surfactant function abnormality in the murine lung, 375S; human eosinophil group IID secretory phospholipase A_2 causes surfactant dysfunction, 376S; modulation of vasodilator-stimulated phosphoprotein *in vivo* in human epithelial cells by segmental allergen challenge and β_2 -agonist therapy, 377S; developing the epithelial, viral, and allergic paradigm for asthma: Giles F. Filley Lecture, 377S; proliferation of the airway epithelium in asthma: are inflammatory cells required? 384S; histamine decreases E-cadherin-based adhesion to increase permeability of human airway epithelium, 385S; is asthma an infectious disease? Thomas A. Neff Lecture, 385S; hygiene hypothesis of asthma: a murine asthma model with *Mycoplasma pneumoniae* infection, 390S; mechanisms that potentially underlie virus-induced exaggerated inflammatory responses by airway epithelial cells, 391S; actin dynamics: a potential integrator of smooth muscle (dys-) function and contractile apparatus gene expression in asthma: Parker B. Francis Lecture, 392S; concentration of cytokines and growth factors in BAL fluid after allergen challenge in asthmatics and their effect on α -smooth muscle actin and collagen III synthesis by human lung fibroblasts, 398S; nocturnal asthma, 399S; hypothalamic-pituitary-adrenal axis dysfunction during sleep in nocturnal asthma, 405S; severe/fatal asthma, 405S; allergen-specific early neutrophil infiltration after allergen challenge in a murine model, 410S; airway hyperresponsiveness, 411S; intercellular adhesion molecule-1 plays a pivotal role in endotoxin-induced airway disease, 416S; provocation with adenosine 5'-monophosphate increases sputum eosinophils, 417S; airway remodeling in asthma, 417S; interleukin-13 stimulates the proliferation of lung myofibroblasts via a signal transducer and activator of transcription-6-dependent mechanism: a possible mechanism for the development of airway fibrosis in asthma, 422S; interleukin-4 promotes airway remodeling in asthma: regulation of procollagen I (α_1) gene by interleukin-4, 424S; *Mycoplasma pneumoniae* antigens stimulate interleukin-8, 425S; lipopolysaccharide down-regulates leukotriene C_4 synthase gene expression in a cell-specific manner in the monocyte-like cell line, THP-1, 426S; pulmonary surfactant proteins A and D recognize lipid ligands on *Mycoplasma pneumoniae* and markedly augment the innate immune response to the organism, 426S; effects of inhaled fluticasone on bronchial hyperresponsiveness and airway inflammation in *Mycoplasma pneumoniae*-infected mice, 427S; synergistic effect of interleukin-4 and transforming growth factor- β_1 on type I collagen gel contraction and degradation by HFL-1 cells: implication in tissue remodeling, 427S; quantitative assessment of subepithelial collagen deposition in the airways of mice following ovalbumin sensitization and intratracheal challenge, 428S; increased expression of platelet-derived growth factor receptor- β in airway fibroblasts of severe asthmatics, 428S; modulation of fibroblast growth factor expression and signal transduction in type II cells, 429S; airway response to low-dose allergen exposure in allergic nonasthmatic and asthmatic subjects: eosinophils, fibronectin, and vascular endothelial growth factor, 430S; risk-benefit value of inhaled corticosteroids: a pharmacokinetic/pharmacodynamic perspective, 430S; immunomodulatory effect of interleukin-16 on allergic airway inflammation, 431S; learning occurs with repetitions of inspiratory loading, 432S; identification of birch pollen respirable particles, 433S; regulation of phospholipase A_2 by interleukin-1 in human airway smooth muscle, 433S; effect of house dust mite aeroallergen and air pollutant exposure during infancy, 434S; pediatric asthma: an approach to pharmacogenetics analysis, 434S; polymorphisms of the GM-CSF genes and the development of atopic diseases in at-risk children, 438S; interleukin-13 and interferon modulators of dendritic cell migration in the lungs, 439S; new and exploratory therapies for asthma, 439S; zinc status modulates bronchopulmonary eosinophil infiltration in a murine model of allergic inflammation, 446S; inhibition of airway inflammation and hyperreactivity by a catalytic antioxidant, 446S; asthma and

- the Human Genome Project: summary of the 45th annual Thomas L. Petty Aspen Lung Conference, 447S; erratum, 1776
- induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1785
- interferon therapy induces the improvement of lung function by inhaled corticosteroid therapy in patients with chronic hepatitis C virus infections, 600
- levalbuterol compared to racemic albuterol: efficacy and outcomes in patients hospitalized with COPD or, 128
- life-threatening, heroin insufflation as a trigger for patients with, 510
- measurement of nasal potential difference in mild asthmatics, 1467
- mild, concomitant chronic sinusitis treatment in children with: the effect on bronchial hyperresponsiveness, 757
- mild-to-moderate, budesonide and formoterol in a single inhaler improves asthma control compared with increasing the dose of corticosteroid in adults with, 1480
- missing the (acu) point, 1312, 1313
- new and exploratory therapies for, Mar. Supp., 439S
- nocturnal, Mar. Supp., 399S, 405S
- occupational, due to persulfate salts, 2124
- occupational; getting the most from the "gold standard," 987
- occupational; need for monitoring nonspecific bronchial hyperresponsiveness before and after isocyanate inhalation challenge, 1276
- patients with gastroesophageal reflux disease, not the perfect study, but helpful wisdom for treating, 973
- pediatric, evaluating the use of a portable spirometer, 1899
- persistent, role of gastroesophageal reflux in older children with, 1008
- prospective evaluation of the validity of exhaled nitric oxide for the diagnosis of, 751
- respiratory findings in tobacco workers, 1740
- risk of, among Finnish patients with occupational rhinitis, 283
- self-reported, and health-related quality of life, 119
- severe, acute, IV magnesium in the treatment of? 1314, 1315, 1316
- severe/fatal, Mar. Supp., 405S
- severe, heliox redux, 673
- thunderstorm, role of fungal spores in, 745
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- top ten list in, 593
- tracheobronchial stenosis from acid aspiration presenting as, 643
- treatment of systemic hypertension in patients with pulmonary disease: COPD and, 222
- Atelectasis, neoplastic obstructive, use of selective bronchography in predicting reversal of, 828
- Athletes: See Sports
- Atopy, getting the most from the "gold standard," 987
- Atrial fibrillation, is associated with accumulation of aging-related common type mitochondrial DNA deletion mutation in human atrial tissue, 539
- Atrioventricular block: See Heart block
- Attractors: See Thermodynamics
- Autofluorescence bronchoscopy: See Bronchoscopy, autofluorescence
- Autonomic nervous system, activity, impact of sleep apnea on, in heart failure, 1119
- association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- changes of heart rate variability during ventilator weaning, 1222
- nasal oxygen and muscle sympathetic nerve activity in heart failure, 366
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in congestive heart failure, 322
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- what is "heart rate variability" and is it blunted by tumor necrosis factor? 664
- Autoset: See Equipment
- Azithromycin, efficacy and safety of, vs levofloxacin in the outpatient treatment of acute bacterial exacerbations of chronic bronchitis, 772
- Bacteremia, blood cultures in community-acquired pneumonia: are we ready to quit? 977
- clinical utility of blood cultures drawn from central vein catheters and peripheral venipuncture in critically ill medical patients, 854
- community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- enterobacter, nosocomial, evaluation of outcome in critically ill patients with: results of a matched cohort study, 1208
- Bacterial culture, recovery of cell wall-deficient organisms from blood does not distinguish between patients with sarcoidosis and control subjects, 413
- Bacterial infections: See also Pneumonia; antibiotic therapy of ventilator-associated pneumonia: in search of the magic bullet, 670
- chronic bronchitis, 772
- community-acquired pneumonia in Southeast Asia, 1512
- hospital-acquired pneumonia: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- Bacterial resistance: See Drug resistance
- Balloon mitral valvuloplasty: See Heart valves
- Balloon pump: See Equipment
- Barbiturates, adult toxicology in critical care; part II: specific poisonings, 897
- Barotrauma, telephone diagnosis of a strange voice, 2112
- Bcl-2, risk of recurrence in patients with surgically resected stage I non-small cell lung carcinoma, 1858
- Beclomethasone, interferon therapy induces the improvement of lung function by inhaled corticosteroid therapy in asthmatic patients with chronic hepatitis C virus infections, 600
- dipropionate, extrafine aerosol, efficacy and safety of, in childhood asthma: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164
- Behavioral Risk Factor Surveillance System, self-reported asthma and health-related quality of life: findings from, 119
- Behçet disease, hemoptysis, history of oral ulcers, and abnormal chest radiograph in a 64-year-old man, 617
- Benzodiazepines, adult toxicology in critical care; part II: specific poisonings, 897
- Beraprost sodium, 1583
- Best practices, early aggressive intervention in cystic fibrosis: is it time to redefine our strategies? I
- end-of-life care and eudaimonia, 16
- β -adrenergic agents: See entries at Adrenergic
- β -lactamase inhibitors, antibiotic therapy of ventilator-associated pneumonia, 670
- variability in antibiotic prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- Bias, lead-time; lung cancer screening debate, 653, 654
- lung cancer screening contumacy vs mendacity, 963
- Biochemical markers, cardiac, in pulmonary embolism, 1782
- detection of lung cancer with volatile markers in the breath, 2115
- long-term repeatability of induced sputum cells and, in stable, moderately severe COPD, 778
- Biopsy, core: guidelines, 1693
- fine-needle aspiration, necrotic mass-like upper lobe opacity, 277
- guidelines for interventional pulmonary procedures, 1693
- mediastinal lymph node involvement in potentially resectable lung cancer: comparison of CT, positron emission tomography, and endoscopic ultrasonography with and without fine-needle aspiration, 442
- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718

- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and mediastinotomy for staging lung cancer, 333
- percutaneous pleural; guidelines, 1693
- pericardiocentesis and pancreatic aspiration needle biopsy in coagulopathic and thrombocytopenic cirrhotic patient, 956
- thoracic percutaneous needle aspiration; guidelines, 1693
- tissue, is it difficult to diagnose sarcoidosis? 330
- transbronchial lung, risk of bleeding associated with, 2162
- transbronchial needle aspiration, for non-small cell lung cancer staging, 1718
- transbronchial needle aspiration; guidelines, 1693
- transbronchial needle aspiration, new diagnostic and therapeutic approach to pericardial effusion, 1753
- ultrasound-guided transbronchial needle aspiration, 604
- unilateral transthoracic needle, bilateral pneumothoraces after, of a lung nodule, 1297
- Biostatistics, clinician or statistician? 677
- Birch pollen, Mar. Supp., 433S
- Blood, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577
- anaerobic cultures: useful in the ICU? 2158, 2159
- clinical utility of cultures drawn from central vein catheters and peripheral venipuncture in critically ill medical patients, 854
- clots, getting a leg up on the postthrombotic syndrome, 327
- cultures, contribution of, to the clinical management of adult patients admitted to the hospital with community-acquired pneumonia, 1142
- cultures in community-acquired pneumonia: are we ready to quit? 977
- modification of culture recommendations? 2157, 2158
- plasma orexin-A levels and body composition in COPD, 1060
- recovery of cell wall-deficient organisms from, does not distinguish between patients with sarcoidosis and control subjects, 413
- reduced intracellular Mg concentrations in patients with acute asthma, 113
- serologic diagnosis of tuberculosis using a simple commercial multiantigen assay, 107
- a 74-year-old woman with desaturation following surgery, 613
- variations in pleural fluid WBC count and differential counts with different sample containers and different methods, 1181
- volume expansion with albumin decreases mortality after coronary artery bypass graft surgery, 1853
- Blood cardioplegia: See Cardioplegia
- Blood coagulopathy: See Coagulopathy
- Blood infections: See Bacteremia
- Blood pressure: See also Hypertension; altitude pulmonary edema below 8,000 feet: what are we missing? 5
- arterial distensibility and, in children with primary snoring, 1561
- conundrum of sleep breathing disorders in heart failure, 1332
- systolic, relationship of, to obstructive sleep apnea in patients with heart failure, 1536
- Body mass index: See also Obesity; confounding issues in COPD risk study? 307
- impact of, on outcomes following critical care, 1202
- plasma orexin-A levels and body composition in COPD, 1060
- predicting sleep apnea and excessive day sleepiness in the severely obese: indications for polysomnography, 1134
- prognostic value of nutritional depletion in patients with COPD treated by long-term oxygen therapy, 1460
- sustained improvements in dyspnea and pulmonary function 3 to 5 years after lung volume reduction surgery, 1838
- Body position: See Posture
- Body temperature, effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- Body weight: See also Obesity; Weight loss; impact of body mass index on outcomes following critical care, 1202
- 6-min walk work for assessment of functional capacity in patients with COPD, 1405
- variation in diaphragm position and shape in adults with normal pulmonary function, 2019
- Bone density, top ten list in asthma, 593
- Bone fractures: See also Rib fractures; fat embolism syndrome, 982
- Bone marrow transplantation, allogeneic, bilateral cavity pulmonary consolidations in a patient undergoing, for acute leukemia, 929
- Bone mineral density, osteoporosis in pulmonary clinic patients: does point-of-care screening predict central dual-energy X-ray absorptiometry? 2012
- Bookshelf, *Advances in the Treatment of Atrial Tachyarrhythmias: Pacing, Cardioversion, and Defibrillation*, 1322
- Airway Management in the Critically Ill*, 1321
- The Basis for Gene Therapy*, 968
- Clinical Exercise Testing*, 1777
- Clinical Management of Chronic Obstructive Pulmonary Disease*, 2165
- Clinicians' Guide to Sleep Medicine*, 968
- Drug Delivery to the Lung*, 316
- Flu: The Story of the Great Influenza Pandemic of 1918 and the Search for the Virus that Caused It*, 2165
- Practical Paediatric Respiratory Medicine*, 1777
- The Radiology of Emergency Medicine*, 4th edition, 658
- Secrets Heart and Lung Sounds Workshop*, 658
- Thrombosis and Thromboembolism*, 316
- Boot: See Unna boot
- Brachiocephalic veins, thromboembolic disease involving the superior vena cava and, 809
- Brachytherapy, guidelines, 1693
- Bradycardia, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- Brazil, evaluation of health-related quality of life in low-income patients with COPD receiving long-term oxygen therapy, 136
- serologic diagnosis of tuberculosis using a simple commercial multiantigen assay, 107
- Breast neoplasms, in smokers, 1771, 1772
- Breath analysis, to screen or not to screen: a volatile issue in lung cancer, 1787
- detection of lung cancer with volatile markers in, 2115
- Breathing: See Respiration
- Breathing disorders, sleep-related: See Sleep-disordered breathing; Sleep apnea syndromes, obstructive
- Breathing, work of: See Work of breathing
- Breathlessness: See Dyspnea; Respiration
- Bronchial asthma: See Asthma
- Bronchial C-fibers, cough reflex and the "healthy smoker," 660
- Bronchial challenge tests: See Bronchial provocation
- Bronchial epithelium: See Airway, epithelium
- Bronchial hyperresponsiveness: See Airway; Airway hyperresponsiveness; Bronchial provocation
- Bronchial infections, diffuse tracheal narrowing with recurrent bronchopulmonary infections, 289
- endobronchial actinomycosis and foreign body, 656
- Bronchial neoplasms, endobronchial lipoma, 293
- lymphoepithelial cyst in the lung: a case report, 1299
- paraneoplastic bilateral proptosis in a case of non-small cell lung cancer, 627
- Bronchial provocation, effect of cigarette smoking on airway responsiveness to adenosine 5'-monophosphate in subjects with allergic rhinitis, 993
- getting the most from the "gold standard," 987
- need for monitoring nonspecific bronchial hyperresponsiveness before and after isocyanate inhalation challenge, 1276
- occupational asthma due to persulfate salts, 2124
- Bronchial stenosis, from acid aspiration presenting as asthma, 643
- Bronchial ultrasound: See Ultrasonography, endobronchial
- Bronchiectasis, tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- traction; nonspecific interstitial pneumonia associated with polymyositis and dermatomyositis: serial high-resolution CT findings and functional correlation, 1096
- Bronchiolitis obliterans syndrome, HLA mismatches predispose to the severity of, after lung transplantation, 1825
- lung retransplantation: all for one or one for all? 1781
- lung retransplantation for, 1832
- pulmonary eosinophilia following lung transplantation for sarcoidosis in two patients, 629

- Bronchiolitis obliterans with organizing pneumonia, link between anthrax immunization and hypersensitivity pneumonitis? 1769
- Bronchiolitis, viral, nebulized 3% hypertonic saline solution: treatment in hospitalized infants with, 481
- Bronchitis, chronic, costs of COPD and, 784
- chronic, cough reflex and the "healthy smoker," 660
- chronic, efficacy and safety of azithromycin vs levofloxacin in the outpatient treatment of acute bacterial exacerbations of, 772
- respiratory findings in tobacco workers, 1740
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Bronchoalveolar lavage, fluid, high concentration of (1 \rightarrow 3)- β -D-glucan in, in patients with acute eosinophilic pneumonia, 1302
- microscopic examination of intracellular organisms in protected bronchoalveolar mini-lavage fluid for the diagnosis of ventilator-associated pneumonia, 518
- Bronchoconstriction, cough reflex and the "healthy smoker," 660
- Bronchoconstrictors, adenosine airways responsiveness: what does it mean? 971
- pharmacologic effects of tobacco dust extract on isolated guinea pig trachea, 862
- Bronchodilators, adenosine airways responsiveness: what does it mean? 971
- comparison of the effects of salbutamol and ipratropium bromide on exercise endurance in patients with COPD, 1810
- heliox redux, 673
- response; outcome measurements in COPD: are we schizophrenic? 1325
- short-term responses, long-term treatment benefits with tiotropium in COPD patients with and without, 1441
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Bronchography, selective, use of, in predicting reversal of neoplastic obstructive atelectasis, 828
- Bronchorrhea, clinical characteristics of pneumonic-type adenocarcinoma of the lung, 1865
- Bronchoscopy, endobronchial lipoma, 293
- guidelines for interventional pulmonary procedures [autofluorescence, flexible, pediatric, and rigid bronchoscopy], 1693
- Bronchoscopy (feature), distraction therapy with nature sights and sounds reduces pain during flexible bronchoscopy, 941
- ultrasound-guided transbronchial needle aspiration, 604
- Bronchospasm, inspiratory stridor in elite athletes, 468
- Buddhism, scientific koan: what is the cause of cystic fibrosis? 1792
- Budesonide, formoterol and, in a single inhaler improves asthma control compared with increasing the dose of corticosteroid in adults with mild-to-moderate asthma, 1480
- Bulbar palsy, secretion management, 1773
- Bupivacaine, continuous thoracic paravertebral infusion of, for pain management in patients with multiple fractured ribs, 424
- Bupropion, smoking: not for anyone, 1338
- Bypass: See Cardiopulmonary bypass; Coronary artery bypass graft
- Byssinosis, is mushroom workers' chronic cough the same as, and what should the occupational exposure limit be for endotoxin? 2160, 2161
- c-MAF, induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1786
- T helper type 2 cytokine receptors and associated transcription factors in induced sputum of atopic asthmatics, 2074
- C-reactive protein levels correlate with mortality and organ failure in critically ill patients, 2043
- Calcium antagonists, limitations of medical therapy in patients with pure coronary spastic angina, 350
- treatment of systemic hypertension in patients with pulmonary disease: COFD and asthma, 222
- Calcium-channel blockers, adult toxicology in critical care; part II: specific poisonings, 897
- Calves: See Cattle
- Cancer: See Neoplasms; Pulmonary neoplasms; Pulmonary neoplasms, non-small cell; names of specific types of cancer, eg, Carcinoma; and parts of the body affected, eg, Breast neoplasms
- Cancer staging: See Neoplasm staging
- Candida infections, nosocomial, shifting patterns in the epidemiology of, May Supp., 500S
- Capillary permeability, proteinuria in COPD patients with and without respiratory failure, 652, 653
- Capillary wedge pressure: See Pulmonary capillary wedge pressure
- Capsaicin, cough reflex and the "healthy smoker," 660
- cough reflex sensitivity in cigarette smokers, 685
- Carbamate insecticides, adult toxicology in critical care; part II: specific poisonings, 897
- Carbon dioxide: See also Hypercapnia; cardiorespiratory effects of added dead space in patients with heart failure and central sleep apnea, 1551
- Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in congestive heart failure, 322
- Carbon monoxide, adult toxicology in critical care; part II: specific poisonings, 897
- measurement variability in single-breath diffusing capacity of the lung, 1082
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- reduced diffusing capacity, severe gastroesophageal reflux is associated with, 1932
- single-breath diffusing capacity of the lung for: a predictor of PaO₂ maximum work rate, and walking distance in patients with emphysema, 1394
- Carcinogenesis, detection of loss of heterozygosity by high-resolution fluorescent system in non-small cell lung cancer: association of loss of heterozygosity with smoking and tumor progression, 545
- Carcinoma, bronchogenic epidermoid; model of human lung cancer, 986
- lung, non-small cell, surgically resected stage I, risk of recurrence in patients with, 1858
- pulmonary metastatic model of human non-small cell lung carcinoma cells that produce a neutrophil elastase-like molecule in severe combined immunodeficiency mice, 1248
- squamous cell, lung cancer simulating an acute myocardial infarction, 304
- squamous cell, necrotic mass-like upper lobe opacity, 277
- squamous cell, nuclear accumulation of p53 is a potential marker for the development of, in smokers, 181
- Cardiac arrhythmia: See Arrhythmia
- Cardiac biomarkers in pulmonary embolism, 1782
- Cardiac disorders: See Heart diseases
- Cardiac index, sitaxsentan in pulmonary arterial hypertension, 1772
- Cardiac output, efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- impedance cardiography: the next vital sign technology? 2028
- left ventricular dysfunction and sleep apnea syndrome: cause or consequence? 1774
- Cardiac sarcoidosis: See Sarcoidosis
- Cardiac surgery: See Heart surgery
- Cardiac troponin, cardiac biomarkers in pulmonary embolism, 1782
- T, monitoring identifies high-risk group of normotensive patients with acute pulmonary embolism, 1947
- Cardiogenic pulmonary edema: See Pulmonary edema
- Cardiology, impedance: the next vital sign technology? 2028
- Cardiology, chronic heart failure management: a realistic program, 1770
- Cardiomyocytes, apoptosis, continuous tepid blood cardioplegia can preserve coronary endothelium and ameliorate the occurrence of, 1647
- Cardiomyopathy, alcoholic, and ventricular arrhythmias, 1320
- idiopathic; alcoholic cardiomyopathy and ventricular arrhythmias, 1320
- Cardioplegia, continuous tepid blood, can preserve coronary endothelium and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- transcardiac release of soluble adhesion molecules during coronary artery bypass grafting: effects of crystalloid and blood cardioplegia, 1355

- Cardioplegic arrest, improved myocardial function using a Na^+/H^+ exchanger inhibitor during cardiopulmonary bypass and, 187
- Cardiopulmonary bypass, hypothermic; continuous tepid blood cardioplegia can preserve coronary endothelium and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- improved myocardial function using a Na^+/H^+ exchanger inhibitor during cardioplegic arrest and, 187
- respiratory failure after lung transplantation, 165
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- Cardiopulmonary disease, clinical problems in, coarctation of the aorta in an adult, 1749
- Cardiopulmonary exercise testing: See Exercise
- Cardiopulmonary resuscitation: See Do-not-resuscitate orders
- Cardiovascular safety of salmeterol in COPD, 1817
- Cardiovascular diseases: See Heart diseases
- Cardiovascular system, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- clinical usefulness and limitations of the 6-min walk test in patients with cardiovascular or pulmonary disease, 325
- the 6-min walk test: a quick measure of functional status in elderly adults, 387
- Caregivers of long-term ventilator patients: physical and psychological outcomes, 1073
- Case-finding studies, chest radiographs in HIV-infected persons, 1316, 1317
- COPD screening in high-risk groups, 959
- Castleman disease, thorascopic resection of, 280
- Catecholamine, urinary, 322
- Catheters, central vein, clinical utility of blood cultures drawn from, and peripheral venipuncture in critically ill medical patients, 854
- comparison of function of commercially available pleural drainage units and, 1878
- feasibility of simplifying balloon mitral valvuloplasty by obviating left-sided cardiac catheterization using online guidance with transesophageal echocardiography, 1957
- thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- transcatheter closure of traumatic ventricular septal defect: an alternative to surgery, 2144
- Cationic protein, Mar. Supp., 372S
- Cattle, efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- Cavitary pulmonary aspergillosis: See Aspergillosis
- Cefotaxime, combination antibiotic therapy with macrolides in community-acquired pneumonia, 1328
- Ceftazidime, antibiotic therapy of ventilator-associated pneumonia, 670
- susceptibility testing of *Pseudomonas aeruginosa* isolates and clinical response to parenteral antibiotic administration: lack of association in cystic fibrosis, 1495
- Ceftriaxone, combination antibiotic therapy with macrolides in community-acquired pneumonia, 1328
- impact of initial antibiotic choice on clinical outcomes in community-acquired pneumonia, 1503
- Cell apoptosis: See Cardiomyocytes; Eosinophilia
- Cell mitosis, risk of recurrence in patients with surgically resected stage I non-small cell lung carcinoma, 1858
- Central dual-energy X-ray absorptiometry: See Absorptiometry
- Central nervous system, upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Central sleep apnea: See Sleep apnea, central
- Central vein catheters: See Catheters
- Cephalosporins [community-acquired pneumonia treatment], 1328, 1503
- Cerebral ischemia, improving end-of-life care in a medical ICU, 266
- Cerebrospinal fluid, massive pleural transudate following a vertebral fusion in a 49-year-old woman, 1280
- Challenge tests: See Bronchial provocation
- Chaos theory, entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- Charcoal, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577
- Chemokines, new and exploratory therapies for asthma, Mar. Supp., 439S
- Chemotaxis, COPD: is [it] the key? 983
- Chemotherapy, management of stage IV non-small cell lung cancer, Jan. Supp. 226S
- surgical treatment of malignant pleural mesothelioma: a review, 551
- Chest dimensions; variation in diaphragm position and shape in adults with normal pulmonary function, 2019
- Chest pain, cavitory lung lesion, 937
- d-dimer in acute aortic dissection, 1375
- Chest radiography: See Radiography; Roentgenogram of the month
- Chest tube, dry talc pleurodesis via, 308
- Chest ultrasound: See Ultrasonography
- Chest wall, invasion, non-small cell lung cancer with: evolution of surgical treatment and prognosis in the last 3 decades, 1341
- involvement, non-small cell lung cancer with, 1323
- Cheyne-Stokes respiration, heart failure and, 7, 59, 366
- Children: See also Infants; asthma in the new millennium, Mar. Supp., 374S, 375S, 434S, 438S
- best shot, 965
- bronchoscopy; guidelines, 1693
- chronic eosinophilic pneumonia, 1763
- comparison of maximal mixed expiratory flow rate and forced expiratory flow at 50% of vital capacity in, 731
- complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for respiratory failure, 1589
- concomitant chronic sinusitis treatment in, with mild asthma: the effect on bronchial hyperresponsiveness, 757
- critically ill, dead space ventilation in, with lung injury, 2050
- diagnosis and treatment of rhinovirus respiratory infections, 1664
- efficacy and safety of beclomethasone dipropionate extrafine aerosol in childhood asthma: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164
- evaluating the use of a portable spirometer in a study of pediatric asthma, 1899
- not the perfect study, but helpful wisdom for treating asthma patients with gastroesophageal reflux disease, 973
- older, role of gastroesophageal reflux in, with persistent asthma, 1008
- primary school, reference values for nocturnal home pulse oximetry during sleep in, 96
- school-age, spirometric variability, 1090
- with primary snoring, BP and arterial distensibility in, 1561
- Chinese medicine, missing the (acu) point, 1312, 1313
- Chlamydia pneumoniae*, community-acquired pneumonia in Southeast Asia, 1512
- Chloride, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- Chondroitin-4 sulfate, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- Choriocarcinoma, primary pulmonary, does [it] really exist? 313
- Chronic eosinophilic pneumonia: See Pneumonia
- Chronic fatigue syndrome, associations between bronchial hyperresponsiveness and immune cell parameters in patients with, 998
- Chronic obstructive pulmonary diseases: See Pulmonary diseases, chronic obstructive
- Chylothorax, in lymphangioleiomyomatosis, 623
- Cigarette smoking: See Smoking
- Cilostazol, effect of, on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- "intermittent claudication" remedy for the management of third-degree AV block, 979
- Ciprofloxacin, antibiotic therapy of ventilator-associated pneumonia, 670
- Cirrhosis, pericardiocentesis and pancreatic aspiration needle biopsy in coagulopathic and thrombocytopenic cirrhotic patient, 956
- Claudication, intermittent, cilostazol: remedy for the management of third-degree AV block, 979
- Clinical practice guidelines: See Guidelines
- Clinical problems in cardiopulmonary disease: See Cardiopulmonary disease, clinical problems in

- Clinician or statistician? 677
- Clots: See Blood clots
- Coagulation, guidelines, 1693
- Coagulopathy, pericardiocentesis and pancreatic aspiration needle biopsy in coagulopathic and thrombocytopenic cirrhotic patient, 956
- Cobalt-related interstitial lung disease, 935
- Cocaine, adult toxicology in critical care; part II: specific poisonings, 897
- heroin insufflation as a trigger for patients with life-threatening asthma, 510
- Collagen deposition, Mar. Supp., 428S
- College, ACCP medical personnel services, Jan., A-14, A-18, A-24, A-26, A-30, A-42, A-44, A-46; Feb., A-14, A-16, A-18, A-28, A-32, A-40, A-46, A-52, A-53; Mar., A-14, A-16, A-24, A-26, A-36, A-42, A-50, A-56; Apr., A-14, A-16, A-20, A-26, A-30, A-32, A-38, A-44; May, A-14, A-16, A-22, A-24, A-28, A-34, A-48, A-52; June, A-14, A-21, A-26, A-32, A-44, A-52, A-54
- Collinearity, clinician or statistician? 677
- Colloids, volume expansion with albumin decreases mortality after coronary artery bypass graft surgery, 1853
- Coma, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577
- Comfort care: See Palliative care
- Complementary therapies: See Alternative medicine
- Compliance: See Patients
- Complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for respiratory failure, 1589
- Complications of thoracentesis: See Pulmonary complications
- Complications, postoperative: See Postoperative complications
- Complications, pulmonary: See Pulmonary complications
- Compression stockings, getting a leg up on the postthrombotic syndrome, 327
- Computed tomography: See Tomography, computed
- Computer use: See Internet
- Congestive heart failure: See Heart failure, congestive
- Conjunctival injection, woman with dry cough and dyspnea on exertion has clubbing, diffuse crackles, and, 935
- Continuous positive airway pressure (CPAP): See Positive airway pressure, continuous
- Contrast transthoracic echocardiography: See Echocardiography
- Coordinated care, practice organization, lung cancer care, Jan. Supp., 332S
- COPD: See Pulmonary diseases, chronic obstructive
- Coronary artery bypass graft, recovery of self-reported functional capacity after, 1367
- technical aspects of composite arterial grafting with double skeletonized internal thoracic arteries, 1348
- transcardiac release of soluble adhesion molecules during: effects of crystalloid and blood cardioplegia, 1355
- volume expansion with albumin decreases mortality after surgery, 1853
- Coronary artery, spastic angina, pure, limitations of medical therapy in patients with, 380
- Coronary endothelium, continuous tepid blood cardioplegia can preserve, and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- Corticosteroids: See also Aerosols; budesonide and formoterol in a single inhaler improves asthma control compared with increasing the dose of, in adults with mild-to-moderate asthma, 1480
- difficult step in meta-analysis: refining the search, 960
- extra-fine particles improve lung delivery of inhaled steroids in infants: a study in an upper airway model, 2083
- high-dose inhaled fluticasone and delayed hypersensitivity skin testing, 1014
- inhaled, interferon therapy induces the improvement of lung function by, in asthmatic patients with chronic hepatitis C virus infections, 600
- inhaled, risk-benefit value of: a pharmacokinetic/pharmacodynamic perspective, Mar. Supp., 430S
- steroids for septic shock: back from the dead? (con), May Supp., 482S; (pro), 490S
- top ten list in asthma, 593
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Costs, changing patterns in long-term noninvasive ventilation, 67
- chronic bronchitis and COPD, 784
- COPD screening in high-risk groups, 959
- evaluation of health-related quality of life in low-income patients with COPD receiving long-term oxygen therapy, 136
- heliox redux, 673
- impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- levalbuterol compared to racemic albuterol: efficacy and outcomes in patients hospitalized with COPD or asthma, 128
- lung cancer screening, 653, 654, 963, 1788
- percutaneous dilatational tracheostomy: we live in a twisted world, 1336
- spirometry-based algorithm to direct lung function testing in the pulmonary function laboratory, 1939
- Cough, chronic, and gastroesophageal reflux disease: experience with specific therapy for diagnosis and treatment, 679
- chronic: COPD screening in high-risk groups, 959
- chronic, mushroom workers, is [it] the same as byssinosis, and what should the occupational exposure limit be for endotoxin? 2160, 2161
- chronic: practical considerations, 659
- dry, woman with dyspnea and, on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- fever, bilateral lung infiltrates, and, 608
- is it difficult to diagnose sarcoidosis? 330
- reflex and the "healthy smoker," 660
- reflex sensitivity in cigarette smokers, 685
- respiratory findings in tobacco workers, 1740
- secretion management [success or failure of noninvasive ventilation], 1773
- CP 471,474, matrix metalloproteinases inhibition attenuates tobacco smoke-induced emphysema in guinea pigs, 1633
- CPAP: See Positive airway pressure, continuous
- Crackles, diffuse, woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and, 935
- Creatinine, rapid staging system for predicting mortality from HIV-associated community-acquired pneumonia, 1151
- Credentialing, respiratory therapist, 1284
- Cricothyroidotomy, surgical, complications of tracheostomy performed in the ICU: subthyroid tracheostomy vs, 151
- Critical care, adult toxicology in: part I: general approach to the intoxicated patient, 577
- anaerobic blood cultures: useful in the ICU? 2158, 2159
- antibiotic therapy of ventilator-associated pneumonia, 670
- appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
- chest ultrasound for "dummies," 332
- clinician or statistician? 677
- conundrums in the management of critically ill patients, May Supp., 451S-518S [problems and challenges of immunotherapy in sepsis, 451S; dopexamine, dobutamine, and dopamine increase splanchnic blood flow: what is the evidence? May Supp., 460S; selective digestive decontamination should not be routinely employed, 464S; gastric tonometry: the hemodynamic monitor of choice (pro), 469S; gastric tonometry: the role of mucosal pH measurement in the management of trauma, 475S; steroids for septic shock: back from the dead? (con), 482S; (pro), 490S; shifting patterns in the epidemiology of nosocomial *Candida* infections, 500S; vancomycin-resistant enterococci: a road map on how to prevent the emergence and transmission of antimicrobial resistance, 504S]
- problems and challenges of immunotherapy in, May Supp., 451S
- respiratory failure and, are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- severe, a 27-year-old HIV-infected woman with pulmonary infiltrates and, 272
- diagnostic dilemma in suspected ventilator-associated pneumonia: one size will never fit all, 335
- end-of-life care and eudaimonia, 16
- frequency, risk factors, and outcome of hyperlactatemia after cardiac surgery, 1361

- impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- practice guidelines for NPPV: help or hindrance? 1784
- Critical care, clinical investigations in, application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- C-reactive protein levels correlate with mortality and organ failure in critically ill patients, 2043
- changes of heart rate variability during ventilator weaning, 1222
- clinical utility of blood cultures drawn from central vein catheters and peripheral venipuncture in critically ill medical patients, 854
- community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for respiratory failure, 1589
- complications of tracheostomy performed in the ICU: subthyroid tracheostomy vs surgical cricothyroidotomy, 151
- cross-cultural comparison of critical-care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- dead space ventilation in critically ill children with lung injury, 2050
- evaluation of outcome in critically ill patients with nosocomial *Enterobacter* bacteremia, 1208
- evaluation of a practice guideline for noninvasive positive-pressure ventilation for acute respiratory failure, 2062
- heroin insufflation as a trigger for patients with life-threatening asthma, 510
- high-resolution CT findings in mild pulmonary fat embolism, 1196
- hospital-acquired pneumonia: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- impact of body mass index on outcomes following critical care, 1202
- impedance cardiography: the next vital sign technology? 2028
- intra-hospital transport of critically ill patients using ventilator with patient-triggering function, 159
- long-term assessment of lung function in survivors of severe ARDS, 845
- microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- microscopic examination of intracellular organisms in protected bronchoalveolar mini-lavage fluid for the diagnosis of ventilator-associated pneumonia, 518
- minute ventilation recovery time: a predictor of extubation outcome, 1214
- percutaneous dilatational tracheostomy in the ICU: optimal organization, low complication rates, and description of a new complication, 1595
- respiratory failure after lung transplantation, 165
- respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- short-term noninvasive pressure support ventilation prevents intensive care unit admittance in patients with acute cardiogenic pulmonary edema, 2057
- time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- utility of chest radiographs following percutaneous dilatational tracheostomy, 1603
- utility of daily routine portable chest radiographs in mechanically ventilated patients in the medical ICU, 1607
- variability in antibiotic prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- Critical care reviews, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577; part II: specific poisonings, 897
- bad medicine: low-dose dopamine in the ICU, 1266
- Cross-cultural comparisons: See Culture
- Cross-infection, evaluation of outcome in critically ill patients with nosocomial *Enterobacter* bacteremia, 1208
- hospital-acquired pneumonia: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- shifting patterns in the epidemiology of nosocomial *Candida* infections, May Supp., 500S
- Cryotherapy, guidelines, 1693
- Crystalloid cardioplegia: See Cardioplegia
- CT: See Tomography, computed
- Culture, cross-cultural comparison of critical care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- Cyanide, adult toxicology in critical care; part II: specific poisonings, 897
- Cyanosis, cardiac biomarkers in pulmonary embolism, 1782
- sitaxsentan in pulmonary arterial hypertension, 1772
- Cyclic antidepressants: See Antidepressants
- Cyclooxygenase-2 inhibitors in aspirin-induced asthma, 1317, 1318
- in aspirin-sensitive asthma, 2155, 2156
- Cyclosporine, alternate treatments in asthma, 1254
- CYFRA: See Cytokeratin 19 fragment
- Cyst, lymphoepithelial, in the lung: a case report, 1299
- pericardial; a 59-year-old asymptomatic man with systolic murmur and mediastinal mass, 1289
- Cystic fibrosis, advanced, left ventricular diastolic function in patients with, 1458
- analysis of sequential aliquots of hypertonic saline solution-induced sputum from clinically stable patients with, 792
- Aspergillus* infection in lung transplant recipients with, 800
- care, so many drugs, so little time: the future challenge of, 3
- does deficiency of arylsulfatase B have a role in? [transmembrane conductance regulator], 2130
- early aggressive intervention in: is it time to redefine our "best practice" strategies? 1
- efficiency of pulmonary administration of tobramycin solution for inhalation in, using an improved drug delivery system, 28
- factors influencing outcomes in, 20
- GI complications after lung transplantation in patients with, 37
- mild, automated approach to quantitative air trapping measurements in, 1655
- pneumothorax in, 217
- questions on life satisfaction for adolescents and adults with, 42
- scientific koan: what is the cause of [it]? [discusses CF transmembrane regulator], 1792
- susceptibility testing of *Pseudomonas aeruginosa* isolates and clinical response to parenteral antibiotic administration: lack of association in, 1495
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Cytochrome P-450, genetic determinants of smoking, 1730
- Cytokeratin 19 fragment in patients with non-malignant respiratory diseases, 2001
- Cytokines, asthma in the new millennium, Mar. Supp., 398S
- effect of repeated thoracenteses on fluid characteristics, fibrinolytic activity and, in malignant pleural effusion, 1188
- induced sputum analysis for T helper type 2 cell regulation, 1786
- interferons and their application in the diseases of the lung, 209
- problems and challenges of immunotherapy in sepsis, May Supp., 451S
- T helper type 2 receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in induced sputum of atopic asthmatics, 2074
- Cytology, microscopic examination of intracellular organisms in protected bronchoalveolar mini-lavage fluid for the diagnosis of ventilator-associated pneumonia, 518
- d-dimer in acute aortic dissection, 1375
- Data: See Statistical analysis
- Death: See Mortality; Terminal illness
- Decontamination, selective digestive: See Digestive decontamination
- Deep venous thrombosis: See Thrombosis
- Dendritic cells, pulmonary Langerhans cell histiocytosis, 1673
- Dental appliances: See Equipment
- Depression, caregivers of long-term ventilator patients, 1073
- Dermatan sulfate, 2130
- Dermatology, is it difficult to diagnose sarcoidosis? 330

- Dermatomyositis, nonspecific interstitial pneumonia associated with polymyositis and: serial high-resolution CT findings and functional correlation, 1096
- Devices: See Equipment
- Dexamethasone, Mar. Supp., 356S, 368S
- Diabetes mellitus, does [it] predispose to the development of multi-drug-resistant tuberculosis? 308, 309
may increase risk for idiopathic pulmonary fibrosis, 2007
type 2, severe acidosis in a patient with hypertension, renal failure, and, 1726
- Diagnosis: See also specific techniques, *eg*, Biopsy; Thallium-201 imaging; specific diseases and symptoms, *eg*, Asthma; Cough; Pneumonia, ventilator-associated; Sarcoidosis; Tuberculosis; lung cancer screening, overdiagnosis 963, 1788
- Diaphragm, effects of chronic intermittent asphyxia on rat limb muscle contractility and, 875
fatigue resistance, short-duration mechanical ventilation enhances, but impairs force production, 195
variation in position and shape in adults with normal pulmonary function, 2019
- Diastole, left ventricular function in patients with advanced cystic fibrosis, 1488
- Diethylenetriamine nitric oxide, two aerosolized adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- Diffusing capacity of the lung: See Carbon monoxide
- Digestive decontamination, selective, should not be routinely employed, May Supp., 464S
- Digital clubbing, woman with dry cough and dyspnea on exertion has conjunctival injection, diffuse crackles, and, 935
- Dilatational tracheostomy, percutaneous: See Tracheostomy
- Dipropylentriamine nitric oxide, two aerosolized adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- Directly observed therapy: See Tuberculosis
- Disability, aging and, affect misdiagnosis of COPD in elderly asthmatics: the SARA Study, 1066
- Distal intestinal obstruction syndrome: See Intestinal obstruction
- Distraction therapy with nature sights and sounds reduces pain during flexible bronchoscopy, 941
- Diuretics, adult toxicology in critical care: part I: general approach to the intoxicated patient, 577
alternate treatments in asthma, 1254
bad medicine: low-dose dopamine in the ICU, 1266
treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Diving injury: See Barotrauma
- DNA: See Genetics
- DNR (do-not-resuscitate orders), impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- Dobutamine, dopexamine, dopamine, and, increase splanchnic blood flow: what is the evidence? May Supp., 460S
- Dogs, continuous tepid blood cardioplegia can preserve coronary endothelium and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- Dopamine, dopexamine, dobutamine, and, increase splanchnic blood flow: what is the evidence? May Supp., 460S
genes, genetic determinants of smoking, 1730
low-dose, in the ICU: bad medicine, ICU, 1266
- Dopexamine, dobutamine, and dopamine increase splanchnic blood flow: what is the evidence? May Supp., 460S
- Doppler echocardiography: See Echocardiography
- Drainage: See Emphysema; Pleural drainage units
- Drug delivery systems: See Aerosols; Corticosteroids; Nebulizers
- Drug reactions, low-dose amiodarone, 646
- Drug resistance, antibiotic therapy of ventilator-associated pneumonia, 670
early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
hospital-acquired pneumonia: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
multidrug-resistant tuberculosis in pregnancy: case report and review of the literature, 953
- vancomycin-resistant enterococci: a road map on how to prevent the emergence and transmission of antimicrobial resistance, May Supp., 504S
- Drug toxicity: See Drug reactions
- Drugs: See also Antibiotic therapy; Chemotherapy; adult toxicology in critical care; part I: general approach to the intoxicated patient, 577; part II: specific poisonings, 897
alternate treatments in asthma, 1254
diagnosis and treatment of rhinovirus respiratory infections, 1664
-induced altitude pulmonary edema below 8,000 feet: what are we missing? 5
new and exploratory therapies for asthma, Mar. Supp., 439S
pediatric asthma: an approach to pharmacogenetics analysis, Mar. Supp., 434S
so many, so little time: the future challenge of cystic fibrosis care, 3
top ten list in asthma, 593
treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Dry talc pleurodesis: See Pleurodesis
- Dual-energy X-ray absorptiometry, central: See Absorptiometry
- Duchenne muscular dystrophy: See Muscular dystrophy
- Dust: See also Tobacco dust extract; granulomatous pneumonitis following exposure to the World Trade Center collapse, 301
Dust mites, asthma in the new millennium, Mar. Supp., 434S
top ten list in asthma, 593
- DVT: See Thrombosis
- Dynamical instability: See Thermodynamics
- Dyshemoglobinemia, 613
- Dyspnea, acute effects of hyperoxia on, in hypoxemia patients with chronic airway obstruction at rest, 1038
bilateral cavitary pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation, 929
cavitary lung lesion, 937
effect of pulmonary rehabilitation in patients with posttuberculosis lung disorder, 1988
exertional, exercise training improves, in patients with COPD: evidence of role of mechanical factors, 1794
heliox redux, 673
is it difficult to diagnose sarcoidosis? 330
metabolic and ventilatory parameters of four activities of daily living accomplished with arms in COPD patients, 1047
prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
respiratory findings in tobacco workers, 1740
risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, 1964
sustained improvements in pulmonary function and, 3 to 5 years after lung volume reduction surgery, 1838
woman with dry cough and, on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- E-cadherin, Mar. Supp., 385S
- Early interventions: See Time
- EBUS (endobronchial ultrasound): See Ultrasonography, endobronchial
- Echocardiography, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
cardiac biomarkers in pulmonary embolism, 1782
contrast, remains positive after treatment of pulmonary arteriovenous malformations, 351
role of, in screening for pulmonary arteriovenous malformations, 320
routine Doppler, unexplained pulmonary hypertension is associated with systolic arterial hypertension in patients undergoing, 711
transesophageal, feasibility of simplifying balloon mitral valvuloplasty by obviating left-sided cardiac catheterization using online guidance with, 1957

- ECMO: See Oxygenation
- Edema, pulmonary: See Pulmonary edema
- EDTA: See Ethylenediaminetetraacetic acid
- Elastic stockings: See Compression stockings
- Elderly: See Age and aging
- Electrical impedance tomography: See Tomography, electrical impedance
- Electrocardiography, acute myocardial infarction with simultaneous ST-segment elevation in the precordial and inferior leads, 1170
- cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- Electrocautery, guidelines, 1693
- Electroencephalography, approximate entropy of human respiratory movement during eye-closed waking and different sleep stages, 80
- entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Embolism, clinicopathologic study and DNA analysis of 37 cardiac myxomas: a 28-year experience, 1379
- Embolism, pulmonary: See Pulmonary embolism
- Emergency services, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577; part II: specific poisonings, 897
- cigarette smoking among asthmatic adults, 1472
- heliox for status asthmaticus? 675
- heliox redux, 673
- pilot trial of bilevel positive airway pressure in acute asthmatic attack, 1018
- short-term noninvasive pressure support ventilation prevents ICU admittance in patients with acute cardiogenic pulmonary edema, 2057
- top ten list in asthma, 593
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- use of helium-oxygen mixtures in the treatment of acute asthma: a systematic review, 891
- Emission, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577
- Embolotherapy, transcatheter, contrast echocardiography remains positive after treatment of pulmonary arteriovenous malformations, 351
- Emphysema, asthma features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765
- augmentation therapy with α_1 -antitrypsin: patterns of use and adverse events, 1425
- effects of lung volume reduction surgery for, on oxygen cost of breathing, 1847
- interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- longitudinal study of α_1 -antitrypsin phenotypes and decline in FEV₁ in a community population, 1435
- lung volume reduction surgery update, 975
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- severe subcutaneous, microdrainage via open technique in, 2162
- single-breath diffusing capacity of the lung for carbon monoxide: a predictor of PaO₂ maximum work rate, and walking distance in patients with, 1394
- sustained improvements in dyspnea and pulmonary function 3 to 5 years after lung volume reduction surgery, 1838
- tobacco-smoke induced, matrix metalloproteinases inhibition attenuates, in guinea pigs, 1633
- Empyema caused by trichomonas, 291
- End-of-life care: See Palliative care; Terminal illness
- End-stage renal disease: See Kidney
- Endobronchial ultrasound: See Ultrasonography
- Endoscopic ultrasound: See Ultrasonography
- Endothelin antagonism, sitaxsentan in pulmonary arterial hypertension, 1772
- Endotoxin, is mushroom workers' chronic cough the same as byssinosis, and what should the occupational exposure limit be for? 2160, 2161
- Enterobacter bacteremia, nosocomial, evaluation of outcome in critically ill patients with, 1208
- Enterococci, vancomycin-resistant: a road map on how to prevent the emergence and transmission of antimicrobial resistance, May Supp., 504S
- Entropy, approximate, of human respiratory movement during eye-closed waking and different sleep stages, 80
- isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- Environmental exposure: See also Occupational and environmental lung disease; genetic determinants of smoking, 1730
- role of fungal spores in thunderstorm asthma, 745
- Enviroxime, diagnosis and treatment of rhinovirus respiratory infections, 1664
- Eosinophil cationic protein, Mar. Supp., 372S
- Eosinophilia, chronic eosinophilic pneumonia, 1763
- human, overlap between death receptor and non-receptor-mediated mechanisms during apoptosis in, Mar. Supp., 345S
- pulmonary, following lung transplantation for sarcoidosis in two patients, 629
- Eosinophils, asthma in the new millennium, Mar. Supp., 376S, 417S, 430S, 440S
- high concentration of (1 \rightarrow 3)- β -D-glucan in BAL fluid in patients with acute eosinophilic pneumonia, 1302
- neurokinin-1 and neurokinin-2 antagonism inhibits long-term acid fog-induced airway hyperresponsiveness, 524
- Epoprostenol, continuous IV, long-term treatment with oral sildenafil in addition to, in patients with pulmonary arterial hypertension, 1293
- therapy as a bridge to pulmonary thromboendarterectomy for chronic thromboembolic pulmonary hypertension, 319
- Equipment: See also Mask; Nebulizers; Pacemakers; Ventilators; clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- comparison of function of commercially available pleural drainage units and catheters, 1878
- efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- evaluating the use of a portable spirometer in a study of pediatric asthma, 1899
- evaluation of a portable device [Watch Pat100] based on peripheral arterial tone for unattended home sleep studies, 695
- evaluation of unattended automated titration [Autoset, Somnosmart] to determine therapeutic continuous positive airway pressure in patients with obstructive sleep apnea, 704
- non-small cell lung cancer with chest wall involvement, 1323
- sleep apnea devices and sleep apnea surgery should be compared on effectiveness, not efficacy [dental appliances], 961, 962
- variations in pleural fluid WBC count and differential counts with different sample containers and different methods, 1181
- Erythrocytes, reduced intracellular Mg concentrations in patients with acute asthma, 113
- Escherichia coli*, community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- Esophagus, fever, cough, and bilateral lung infiltrates, 608
- pH testing; chronic cough: practical considerations, 659
- Ethics in cardiopulmonary medicine, impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- Ethnic groups, variability of sarcoidosis: can we predict it? 1329
- Ethylenediaminetetraacetic acid, variations in pleural fluid WBC count and differential counts with different sample containers and different methods, 1181
- Eudaemonia, end-of-life care and, 16
- Evidence-based guidelines: See Guidelines
- Evidence-based medicine, clinician or statistician? 677
- Exercise, acute effects of, in patients with previous deep venous thrombosis: impact of the postthrombotic syndrome, 399
- altitude pulmonary edema below 8,000 feet: what are we missing? 5

- capacity, decreased, striking similarities in systemic factors contributing to, in patients with severe chronic heart failure or COPD, 1416
- capacity, resting lung function and hemodynamic parameters as predictors of, in patients with chronic heart failure, 1386
- cardiopulmonary testing, relation between oscillatory ventilation at rest before, and prognosis in patients with left ventricular dysfunction, 372
- clinical usefulness and limitations of the 6-minute walk test in patients with cardiovascular or pulmonary disease, 325
- cycle, quadriceps fatigue after, in patients with COPD compared with healthy control subjects, 1104
- endurance, comparison of the effects of salbutamol and ipratropium bromide on, in patients with COPD, 1810
- getting a leg up on the postthrombotic syndrome, 327
- high-altitude pulmonary edema at moderate altitude (<2,400 m; 7,870 feet): a series of 52 patients, 49
- induced asthma; top ten list in asthma, 593
- inspiratory stridor in elite athletes, 468
- metabolic and ventilatory parameters of four activities of daily living accomplished with, in COPD patients, 1047
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- single-breath diffusing capacity of the lung for carbon monoxide: a predictor of PaO_2 maximum work rate, and walking distance in patients with emphysema, 1394
- the 6-min walk test: a quick measure of functional status in elderly adults, 387
- 6-min walk testing is more sensitive than maximal incremental cycle testing for detecting oxygen desaturation in patients with COPD, 1401
- 6-min walk work for assessment of functional capacity in patients with COPD, 1408
- testing: long-term assessment of lung function in survivors of severe ARDS, 845
- training improves exertional dyspnea in patients with COPD: evidence of role of mechanical factors, 1794
- woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- Exophthalmos, paraneoplastic bilateral proptosis in a case of non-small cell lung cancer, 627
- Expiratory flow: See Forced expiratory flow; Peak expiratory flow rates
- Expiratory flow limitation, time course of, in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- Extracorporeal membrane oxygenation: See Oxygenation
- Extubation: See Ventilator weaning
- Exudates and transudates, massive pleural transudate following a vertebral fusion in a 49-year-old woman, 1280
- Eye, variability of sarcoidosis: can we predict it? 1329
- False-negative results, getting the most from the "gold standard," 987
- Family, caregivers of long-term ventilator patients, 1073
- Farming: See Agriculture
- Fat embolism, pulmonary, mild, high-resolution CT findings in, 1196
- Fat embolism syndrome: clinical examination is still the preferable diagnostic method, 982
- Fatigue: See Chronic fatigue syndrome
- FEV: See Forced expiratory volume
- Fever, cough, bilateral lung infiltrates, and, 608
- Fibrin, Mar. Supp., 3625
- Fibrinolysis, effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- Fibroblast growth factor expression and signal transduction in type II cells, Mar. Supp., 4295
- Fibroblasts, Mar. Supp., 3985
- Fibronectin, Mar. Supp., 4305
- Fibrosarcoma, combined modality approach to recurrent cardiac sarcoma resulting in a prolonged remission: a case report, 1766
- Filley Lecture (Giles F. Filley), developing the epithelial, viral, and allergic paradigm for asthma, Mar. Supp., 3775
- Fine-needle aspiration: See Biopsy
- Fingernail polish, what is the effect of, on pulse oximetry? 2163
- Finland, risk of asthma among Finnish patients with occupational rhinitis, 283
- Fistula, iatrogenic subarachnoid-pleural; massive pleural transudate following a vertebral fusion in a 49-year-old woman, 1280
- 5-lipoxygenase inhibitor, top ten list in asthma, 593
- Flunisolide, triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Fluoroquinolones, combination antibiotic therapy with macrolides in community-acquired pneumonia, 1328
- impact of initial antibiotic choice on clinical outcomes in community-acquired pneumonia, 1503
- Fluticasone, high-dose inhaled, and delayed hypersensitivity skin testing, 1014
- top ten list in asthma, 593
- Food: See Nutrition
- Forced expiratory flow, comparison of maximal midexpiratory flow rate and, at 50% of vital capacity in children, 731
- what is the best way to measure lung function? 667
- Forced expiratory volume: See also Pulmonary function; asthma
- features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765
- bilevel positive airway pressure in acute asthmatic attack, 1018
- clarification of salmeterol studies, 965
- factors influencing outcomes in cystic fibrosis, 20
- IV magnesium in the treatment of acute severe asthma? 1314, 1315, 1316
- long-term treatment benefits with tiotropium in COPD patients with and without short-term bronchodilator responses, 1441
- longitudinal study of α_1 -antitrypsin phenotypes and decline in FEV_1 in a community population, 1435
- lung volume reduction surgery update, 975
- measurement variability in single-breath diffusing capacity of the lung, 1082
- outcome measurements in COPD: are we schizophrenic? 1325
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- spirometric variability, school-age children, 1090
- what is the best way to measure lung function? 667
- Forced vital capacity: See Vital capacity, forced
- Foreign bodies, best shot, 965
- endobronchial actinomycosis and, 656
- Formoterol, budesonide and, in a single inhaler improves asthma control compared with increasing the dose of corticosteroid in adults with mild-to-moderate asthma, 1480
- how to design a negative study, 655, 656
- Formyl methionyl leucyl phenylalanine (FMLP) receptors: See Neutrophils
- Fractures: See Bone fractures; Rib fractures
- France, altitude pulmonary edema below 8,000 feet: what are we missing? 5
- prognostic value of nutritional depletion in patients with COPD treated by long-term oxygen therapy: data from the ANTA-DIR observatory, 1460
- Francis Lecture (Parker B. Francis), actin dynamics: a potential integrator of smooth muscle (dys-)function and contractile apparatus gene expression in asthma, Mar. Supp., 3925
- Function, pulmonary: See Pulmonary function
- Functional capacity: See Exercise: Patients
- Functional somatic syndromes: See Somatic syndromes
- Fungal infections, Aspergillus infection in lung transplant recipients with cystic fibrosis, 800
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- Fungal spores, role of, in thunderstorm asthma, 745
- Furosemide, alternate treatments in asthma, 1254

- γ -hydroxybutyrate: See Hydroxybutyrate
- Gas exchange: See Pulmonary gas exchange
- Gases, entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- Gastric emptying: See Stomach
- Gastric tonometry: the hemodynamic monitor of choice (pro), May Supp., 469S
- the role of mucosal pH measurement in the management of trauma, May Supp., 475S
- Gastroesophageal reflux, chronic cough and: experience with specific therapy for diagnosis and treatment, 679
- chronic cough: practical considerations, 659
- disease, not the perfect study, but helpful wisdom for treating asthma patients with, 973
- role of, in older children with persistent asthma, 1008
- severe, is associated with reduced carbon monoxide diffusing capacity, 1932
- Gastrointestinal system, complications after lung transplantation in patients with cystic fibrosis, 37
- GATA-3, induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1786
- T helper type 2 cytokine receptors and associated transcription factors in induced sputum of atopic asthmatics, 2074
- Gender factors: See Men; Women
- Gene therapy, pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- Genetics, aging-related common type mitochondrial deletion mutation, atrial fibrillation is associated with accumulation of, in human atrial tissue, 539
- atrial fibrillation is associated with accumulation of aging-related common type mitochondrial DNA deletion mutation in human atrial tissue, 539
- clinicopathologic study and DNA analysis of 37 cardiac myxomas: a 28-year experience, 1379
- detection of loss of heterozygosity by high-resolution fluorescent system in non-small cell lung cancer: association of loss of heterozygosity with smoking and tumor progression, 545
- determinants of smoking, 1730
- 45th annual Thomas L. Petty Lung Conference: asthma in the new millennium, Mar. Supp., 339S-450S (for detailed listing of presentations: See entry at Asthma)
- longitudinal study of α_1 -antitrypsin phenotypes and decline in FEV₁ in a community population, 1435
- nuclear accumulation of p53 is a potential marker for the development of squamous cell lung cancer in smokers, 181
- occupational risk factors for sarcoidosis in African-American siblings, 1527
- polymorphisms of the tyrosine hydroxylase gene in subjects susceptible to high-altitude pulmonary edema, 54
- scientific koan: what is the cause of cystic fibrosis? 1792
- smoking: not for anyone, 1338
- variability of sarcoidosis: can we predict it? 1329
- vascular endothelial growth factor gene polymorphisms in Japanese patients with sarcoidosis, 1520
- Geriatrics: See Age and aging
- Giant lymph node hyperplasia: See Castleman disease
- Glucans, high concentration of (1 \rightarrow 3)- β -D-glucan in BAL fluid in patients with acute eosinophilic pneumonia, 1302
- Glucocorticoid treatment, long-term, pulmonary infiltrates in patients receiving, 488
- Glycopeptide, antibiotic therapy of ventilator-associated pneumonia, 670
- Glycosaminoglycans, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- sulfated; scientific koan: what is the cause of cystic fibrosis? 1792
- Gold, alternate treatments in asthma, 1254
- Graft rejection, HLA mismatches predispose to the severity of bronchiolitis obliterans syndrome after lung transplantation, 1825
- lung retransplantation: all for one or one for all? 1781
- Granulocyte macrophage colony-stimulating factor, polymorphisms of the GM-CSF genes and the development of atopic diseases in at-risk children, Mar. Supp., 438S
- Granuloma, diagnosis of cardiac sarcoidosis: an imperfect science, a hesitant art, 18
- variability of sarcoidosis: can we predict it? 1329
- Granulomatous pneumonitis following exposure to the World Trade Center collapse, 301
- Growth factors: See also Platelet-derived growth factor; Transforming growth factor; Vascular endothelial growth factor; asthma in the new millennium, Mar. Supp., 398S
- Guidelines, COPD screening in high-risk groups, 959
- diagnosis and management of lung cancer: ACCP evidence-based guidelines, Jan. Supp., 1S-328S (for detailed listings: See entry at Pulmonary neoplasms)
- evaluation of, for noninvasive positive-pressure ventilation for acute respiratory failure, 2062
- fatal liver injury associated with rifampin-pyrazinamide treatment of latent tuberculosis, 967
- interventional pulmonary procedures, 1693
- practice, for NPPV: help or hindrance? 1784
- Guinea pigs, matrix metalloproteinases inhibition attenuates tobacco smoke-induced emphysema in, 1633
- neurokinin-1 and neurokinin-2 antagonism inhibits long-term acid fog-induced airway hyperresponsiveness, 524
- pharmacologic effects of tobacco dust extract on isolated trachea, 862
- Haemophilus influenzae*, microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- HAPE (high-altitude pulmonary edema): See Altitude
- Hard metal disease, woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- Headache, symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- Health education, patient use of the Internet for information in a lung cancer clinic, 452
- Health personnel, reliability of and correlation between the respiratory therapist written registry and clinical simulation self-assessment examinations, 1284
- Health-related quality of life: See Quality of life
- Heart: See also Ventricle; headings beginning with Cardiac; Cardio. . .; Myocardial; cardiac biomarkers in pulmonary embolism, 1782
- cardiac rehabilitation following percutaneous revascularization, heart transplant, heart valve surgery, and for chronic heart failure, 2104
- cardiovascular safety of salmeterol in COPD, 1817
- continuous tepid blood cardioplegia can preserve coronary endothelium and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- impedance cardiography: the next vital sign technology? 2028
- improved myocardial function using a Na⁺/H⁺ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- systolic murmur, a 59-year-old asymptomatic man with and mediastinal mass and, 1289
- treating malignancy-related effusions, 1775
- Heart attack: See Myocardial infarction
- Heart block, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- effect of cilostazol on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- Heart disease, ischemic: See Myocardial ischemia
- Heart diseases: See also names of specific diseases and conditions; association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- clinical outcome after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- clinical usefulness and limitations of the 6-minute walk test in patients with cardiovascular or pulmonary disease, 325
- diagnosis of cardiac sarcoidosis: an imperfect science, a hesitant art, 18

- relation between oscillatory ventilation at rest before cardiopulmonary exercise testing and prognosis in patients with left ventricular dysfunction, 372
- Heart failure, cardiorespiratory effects of added dead space in patients with central sleep apnea and, 1551
- circulating levels of tumor necrosis factor correlate with indexes of depressed heart rate variability: patients with mild-to-moderate heart failure, 716
- conundrum of sleep breathing disorders in, 1332
- exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, risk of mortality and, 1964
- nasal oxygen and muscle sympathetic nerve activity in, 366
- relation between oscillatory ventilation at rest before cardiopulmonary exercise testing and prognosis in patients with left ventricular dysfunction, 372
- relationship of systolic BP to obstructive sleep apnea in patients with, 1536
- Heart failure, chronic, cardiac rehabilitation following percutaneous revascularization, heart transplant, heart valve surgery, and for, 2104
- left ventricular dysfunction and sleep apnea syndrome: cause or consequence? 1774
- management: a realistic program, 1770
- practice guidelines for NPPV: help or hindrance? 1784
- resting lung function and hemodynamic parameters as predictors of exercise capacity in patients, 1386
- severe, striking similarities in systemic factors contributing to decreased exercise capacity in patients with COPD or, 1416
- what is "heart rate variability" and is it blunted by tumor necrosis factor? 664
- Heart failure, congestive, Cheyne-Stokes respiration and: are oxygen stores the critical factor? 7
- effects of nasal continuous positive airway pressure on oxygen body stores in patients with Cheyne-Stokes respiration and, 59
- impact of sleep apnea on sympathetic nervous system activity in, 1119
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in, 322
- Heart neoplasms, clinicopathologic study and DNA analysis of 37 cardiac myxomas: a 28-year experience, 1379
- combined modality approach to recurrent cardiac sarcoma resulting in a prolonged remission: a case report, 1766
- squamous cell lung cancer simulating an acute myocardial infarction, 304
- Heart rate, changes of heart rate variability during ventilator weaning, 1222
- depressed variability, circulating levels of tumor necrosis factor correlate with indexes of: patients with mild-to-moderate heart failure, 716
- entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- spectral analysis, utility of oxygen saturation and, obtained from pulse oximetric recordings in the diagnosis of sleep apnea syndrome, 1567
- variability, what is [it] and is it blunted by tumor necrosis factor? 664
- Heart septum, transcatheter closure of traumatic ventricular septal defect: an alternative to surgery, 2144
- Heart surgery, application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- frequency, risk factors, and outcome of hyperlactatemia after, 1361
- Heart transplantation, cardiac rehabilitation following percutaneous revascularization, heart valve surgery, for chronic heart failure, and, 2104
- Heart valves, efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study [mitral regurgitation], 2089
- feasibility of simplifying balloon mitral valvuloplasty by obviating left-sided cardiac catheterization using online guidance with transesophageal echocardiography, 1957
- surgery, cardiac rehabilitation following percutaneous revascularization, heart transplant, for chronic heart failure, and, 2104
- Heart ventricles: See Ventricle, left; Ventricle, right
- Heel, osteoporosis in pulmonary clinic patients: does point-of-care screening predict central dual-energy X-ray absorptiometry? 2012
- Heliox, air-oxygen mixtures vs, for the treatment of patients with acute asthma: a systematic overview, 882
- for status asthmaticus? 675
- redux, 673
- use of helium-oxygen mixtures in the treatment of acute asthma: a systematic review, 891
- Helium: See Heliox
- Hemangioma, tracheal lobular capillary: a rare cause of recurrent hemoptysis, 2148
- Hemodialysis, pulmonary hypertension in patients with end-stage renal disease, 1577
- Hemodynamics, efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- monitor of choice: gastric tonometry (pro), May Supp., 469S
- parameters, resting lung function and, as predictors of exercise capacity in patients with chronic heart failure, 1386
- prostacyclin therapy before pulmonary thromboendarterectomy in patients with chronic thromboembolic pulmonary hypertension, 338
- respiratory failure after lung transplantation, 165
- sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- survival and, in patients with pulmonary arterial hypertension related to systemic sclerosis, 344
- Hemoglobin, a 74-year-old woman with desaturation following surgery, 613
- Hemoptysis, history of oral ulcers, abnormal chest radiograph and, in a 64-year-old man, 617
- recurrent, a rare cause of: tracheal lobular capillary hemangioma, 2148
- Hemorrhage, diffuse alveolar, leptospirosis presenting as, 639
- respiratory failure after lung transplantation, 165
- risk of bleeding associated with transbronchial lung biopsy, 2162
- tracheal, tracheobronchomalacia and, in patients with Duchenne muscular dystrophy receiving long-term ventilation with uncuffed tracheostomies, 1307
- warfarin dose reduction vs watchful waiting for mild elevations in the international normalized ratio, 499
- Hemorrhagic telangiectasia, hereditary: See Telangiectasia
- Heparin, alternate treatments in asthma, 1254
- getting a leg up on the postthrombotic syndrome, 327
- Hepatitis C virus, chronic infection, accelerated decline of lung function in COPD patients with: a preliminary study based on small numbers of patients, 596
- chronic infections, interferon therapy induces the improvement of lung function by inhaled corticosteroid therapy in asthmatic patients with, 600
- Hepatotoxicity: See Liver
- Hereditary hemorrhagic telangiectasia: See Telangiectasia
- Heroin: See Substance abuse
- Heterozygosity: See Genetics
- High altitude: See Altitude
- Histamine, Mar. Supp., 355S
- Histamine 2 antagonists, chronic cough: practical considerations, 659
- Histiocytosis, pulmonary Langerhans cell: emerging concepts in pathobiology, radiology, and clinical evolution of disease, 1673
- Histoplasmosis, a 27-year-old HIV-infected woman with severe sepsis and pulmonary infiltrates, 272
- HIV infections, associated community-acquired pneumonia, rapid staging system for predicting mortality from, 1151
- chest radiographs in HIV-infected persons, 1316, 1317
- lymphoepithelial cyst in the lung: a case report, 1299
- prognostic and clinical evaluation of infection caused by *Rhodococcus equi* in HIV-infected patients. a multicenter study of 67 cases, 1970
- pulmonary effects of long-term exposure to aerosol pentamidine: a 5-year surveillance study in HIV-infected patients, 1983
- respiratory symptoms among HIV-seropositive individuals, 1977
- a 27-year-old woman with severe sepsis and pulmonary infiltrates, 272

- HLA, mismatches predispose to the severity of bronchiolitis obliterans syndrome after lung transplantation, 1825
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- Home overnight pulse oximetry in patients with COPD: more than one recording may be needed, 1127
- Home pulse oximetry, nocturnal, reference values for, during sleep in primary school children, 96
- Home sleep studies, unattended, evaluation of a portable device based on peripheral arterial tone for, 695
- Hormones, breast cancer in smokers, 1771, 1772
- Hospitalization, chronic heart failure management: a realistic program, 1770
- community-acquired pneumonia in Southeast Asia: the microbial differences between ambulatory and hospitalized patients, 1512
- impact of body mass index on outcomes following critical care, 1202
- levolbuterol compared to racemic albuterol: efficacy and outcomes in patients hospitalized with COPD or asthma, 128
- nebulized 3% hypertonic saline solution: treatment in hospitalized infants with viral bronchiolitis, 481
- pneumonia, hospital-acquired: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, 1964
- upper extremity deep venous thrombosis, 1953
- Hospitals, community, end-of-life care and eudaimonia, 16
- cross-cultural comparison of critical care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- intra-hospital transport of critically ill patients using ventilator with patient-triggering function, 159
- Human Genome Project, asthma and: summary of the 45th annual Thomas L. Petty Aspen Lung Conference, Mar. Supp., 447S; erratum, 1776
- Human immunodeficiency virus: See HIV infections
- Human leukocyte antigens: See HLA
- Hydatid cyst, ruptured, cavity lung lesion, 937
- Hydrochloric acid, aspiration, tracheobronchial stenosis from, presenting as asthma, 643
- Hydrofluoroalkane-beclomethasone dipropionate, extra-fine particles improve lung delivery of inhaled steroids in infants: a study in an upper airway model, 2083
- efficacy and safety of extrafine aerosol in childhood asthma: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164
- Hydrogen-ion concentration: See pH
- Hydroxybutyrate, γ -, adult toxicology in critical care; part II: specific poisonings, 897
- Hygiene hypothesis of asthma, Mar. Supp., 390S
- Hypercapnia: See also Carbon dioxide; changing patterns in long-term noninvasive ventilation, 67
- comparison of acetazolamide and medroxyprogesterone as respiratory stimulants in hypercapnic patients with COPD, 1450
- Hyperlactatemia, frequency, risk factors, and outcome of, after cardiac surgery, 1361
- Hyperoxia, acute effects of, on dyspnea in hypoxemia patients with chronic airway obstruction at rest, 1038
- neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
- pulmonary vascular responses to hypoxia and, in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- Hyperplasia, giant lymph node: See Castleman disease
- Hypersensitivity: See also Drug reactions; adenosine airways responsiveness: what does it mean? 971
- asthma features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765
- asthma in the new millennium, Mar. Supp., 363S, 370S, 377S, 398S, 410S, 430S, 431S, 434S, 438S, 446S
- delayed, skin testing, high-dose inhaled fluticasone and, 1014
- effect of cigarette smoking on airway responsiveness to adenosine 5'-monophosphate in subjects with allergic rhinitis, 993
- pneumonitis, link between anthrax immunization and? 1769
- role of fungal spores in thunderstorm asthma, 745
- T helper type 2 cytokine receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in induced sputum of atopic asthmatics, 2074
- Hypertension, association of, and secondary cardiovascular disease with sleep-disordered breathing, 244
- cardiac troponin T monitoring identifies high-risk group of normotensive patients with acute pulmonary embolism, 1947
- conundrum of sleep breathing disorders in heart failure, 1332
- portopulmonary: a tale of two circulations, 562
- relationship of systolic BP to obstructive sleep apnea in patients with heart failure, 1536
- severe acidosis in a patient with type 2 diabetes mellitus, renal failure, and, 1726
- treatment of systemic, in patients with pulmonary disease: COPD and asthma, 222
- unexplained pulmonary hypertension is associated with systolic arterial hypertension in patients undergoing routine Doppler echocardiography, 711
- Hypertension, pulmonary, acute, two aerosolized nitric oxide adducts as selective pulmonary vasodilators for, 869
- arterial, hemodynamics and survival in patients with, related to systemic sclerosis, 344
- chronic thromboembolic, effect of orally active prostacyclin analogue on survival in patients with, without major vessel obstruction, 1583
- chronic thromboembolic, epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for, 319
- chronic thromboembolic, prostacyclin therapy before pulmonary thromboendarterectomy in patients with, 338
- long-term treatment with oral sildenafil in addition to continuous IV epoprostenol in patients with, 1293
- orthotopic lung transplant for sarcoidosis, 962, 963
- patients with end-stage renal disease, 1577
- portopulmonary hypertension: a tale of two circulations, 562
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- sildenafil for: exciting, but protection required, 989
- sitaxentan in pulmonary arterial hypertension, 1772
- unexplained, is associated with systolic arterial hypertension in patients undergoing routine Doppler echocardiography, 711
- Hypertonic saline: See Saline
- Hypoalbuminemia, proteinuria in COPD patients with and without respiratory failure, 652, 653
- Hypopnea: See also Apnea-hypopnea index; Sleep apnea; association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in congestive heart failure, 322
- symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- Hypotension, short-term noninvasive pressure support ventilation prevents intensive care unit admittance in patients with acute cardiogenic pulmonary edema, 2057
- talc pleurodesis vs iodopovidone, 1318, 1319
- Hypothalamic-pituitary-adrenal axis dysfunction during sleep in nocturnal asthma, Mar. Supp., 405S
- Hypoventilation: See also Obesity-hypoventilation syndrome; heliox for status asthmaticus? 675
- Hypoxemia: See Anoxemia
- Hypoxia: See Anoxia
- ICAM-1, 1664, Mar. Supp., 416S
- IgE: See Immunoglobulins
- Immune response, associations between bronchial hyperresponsiveness and immune cell parameters in patients with chronic fatigue syndrome, 998

- model of human lung cancer, 986
- Immunity, genetics of innate immunity in the lung, Mar. Supp., 369S
- Immunization, anthrax: See Anthrax
- Immunoglobulins, IgE, adenosine airways responsiveness: what does it mean? 971
- IgE, asthma features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765
- IgE, link between anthrax immunization and hypersensitivity pneumonitis? 1769
- IgE, new and exploratory therapies for asthma, Mar. Supp., 439S
- intravenous (IVIG); alternate treatments in asthma, 1254
- top ten list in asthma, 593
- Immunosuppressive acidic protein, diagnostic significance of interferon- γ in tuberculous pleural effusions, 740
- Immunotherapy, problems and challenges of, in sepsis, May Supp., 451S
- Impact of basic research on tomorrow's medicine, genetic determinants of smoking, 1730
- Impedance cardiography: See Cardiography
- Impedance tomography, electrical: See Tomography, electrical impedance
- Infants: See also Children; effect of house dust mite aeroallergen and air pollutant exposure during infancy, Mar. Supp., 434S
- extra-fine particles improve lung delivery of inhaled steroids in: a study in an upper airway model, 2083
- hospitalized, with viral bronchiolitis, nebulized 3% hypertonic saline solution: treatment in, 481
- neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
- Infections: See Bacterial infections; HIV infections; Pulmonary infections; Pneumonia; Viral infections
- Inflammation, airway, 475, 971, 983, 1054, Mar. Supp., 369S, 391S, 427S, 431S, 446S
- effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- proteinuria in COPD patients with and without respiratory failure, 652, 653
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- Inflammatory markers: See Biochemical markers
- Inflammatory response, matrix metalloproteinases inhibition attenuates tobacco smoke-induced emphysema in guinea pigs, 1633
- Inflammatory sinopulmonary diseases, chronic, tissue reparative effects of macrolide antibiotics in, 261
- Inhalation challenge: See Bronchial provocation
- Inhalers: See Aerosols; Corticosteroids; Nebulizers
- Insecticides, adult toxicology in critical care: part II: specific poisonings, 897
- Insomnia, identifying sleep apnea, 656
- relationships between sleep-disordered breathing and, 310, 311
- symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- upper airway resistance syndrome, functional somatic syndromes and, 12
- Inspiratory capacity: See Respiration
- Insufflation: See Heroin
- Insufflation, talc: See Pleurodesis
- Insulin, severe acidosis in a patient with type 2 diabetes mellitus, hypertension, and renal failure, 1726
- Intensive care: See Critical care
- Intercellular adhesion molecule-1, 1664, Mar. Supp., 416S
- Interferons, α , β , γ , and their application in the diseases of the lung, 209
- diagnosis and treatment of rhinovirus respiratory infections, 1664
- γ , asthma in the new millennium, Mar. Supp., 372S, 439S
- γ , diagnostic significance of, in tuberculous pleural effusions, 740
- therapy induces the improvement of lung function by inhaled corticosteroid therapy in asthmatic patients with chronic hepatitis C virus infections, 600
- Interleukins, IL-1, Mar. Supp., 433S
- IL-1ra, human recombinant, problems and challenges of immunotherapy in sepsis, May Supp., 451S
- IL-2 receptor, soluble, diagnostic significance of interferon- γ in tuberculous pleural effusions, 740
- IL-4, asthma in the new millennium, Mar. Supp., 356S, 372S, 424S, 427S
- IL-5, asthma in the new millennium, Mar. Supp., 374S, 439S
- IL-6, clinicopathologic study and DNA analysis of 37 cardiac myxomas: a 28-year experience, 1379
- IL-6, problems and challenges of immunotherapy in sepsis, May Supp., 451S
- IL-8, asthma in the new millennium, Mar. Supp., 425S
- IL-8, COPD: is chemotaxis the key? 983
- IL-8, neutrophil chemotactic activity of sputum from patients with COPD: role of leukotriene B₄ and, 1240
- IL-9, Mar. Supp., 370S
- IL-13, asthma in the new millennium, Mar. Supp., 339S, 356S, 372S, 373S, 375S, 422S
- IL-13, new and exploratory therapies for asthma, Mar. Supp., 439S
- IL-16, Mar. Supp., 431S
- induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1786
- T helper type 2 cytokine receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in induced sputum of atopic asthmatics, 2074
- top ten list in asthma, 593
- Intermittent claudication: See Claudication
- Internal thoracic arteries: See Thoracic arteries
- International health, interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- International normalized ratio, warfarin dose reduction vs watchful waiting for mild elevations in, 499
- Internet, patient use of, for information in a lung cancer clinic, 452
- Interstitial lung diseases: See Pulmonary diseases, interstitial
- Intestinal obstruction, GI complications after lung transplantation in patients with cystic fibrosis, 37
- Intubation, heliox for status asthmaticus? 675
- microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- practice guidelines for NPPV: help or hindrance? 1784
- time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- Iodopovidone, talc pleurodesis vs, 1318, 1319
- Ipratropium bromide, comparison of the effects of salbutamol and, on exercise endurance in patients with COPD, 1810
- IV magnesium in the treatment of acute severe asthma? 1314, 1315, 1316
- top ten list in asthma, 593
- triple inhaled drug protocol for the treatment of acute severe asthma, 1908
- Irritable bowel syndrome, symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- Ischemia, myocardial: See Myocardial ischemia
- Ischemia/reperfusion lung injury, respiratory failure after lung transplantation, 165
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- Ischemic heart disease: See Myocardial ischemia
- Isoxanate, inhalation challenge, need for monitoring nonspecific bronchial hyperresponsiveness before and after, 1276
- Isoniazid, compliance, urine color test in, 668
- pyrazinamide and rifampin vs, for the treatment of latent tuberculosis, 102
- use of the urine color test to monitor compliance with treatment of latent tuberculosis infection, 736
- Japan, cross-cultural comparison of critical care delivery: the United States and, vol. 121:539; erratum, vol. 123:967
- effect of pulmonary rehabilitation in patients with posttuberculosis lung disorder, 1988
- endobronchial lipoma: review of 64 cases reported in, 293

- high concentration of (1 \rightarrow 3)- β -D-glucan in BAL fluid in patients with acute eosinophilic pneumonia, 1302
- limitations of medical therapy in patients with pure coronary spastic angina, 380
- vascular endothelial growth factor gene polymorphisms in Japanese patients with sarcoidosis, 1520
- Journals, medical: See Publishing
- Joy of medicine: See Medicine
- Kidney, bad medicine: low-dose dopamine in the ICU, 1266
- failure, a 63-year-old man with suspected lung cancer and acute renal failure, 2140
- failure, severe acidosis in a patient with type 2 diabetes mellitus, hypertension, and, 1726
- proteinuria in COPD patients with and without respiratory failure, 652, 653
- pulmonary hypertension in patients with end-stage renal disease, 1577
- pulmonary interstitial fibrosis as a presenting manifestation in perinuclear antineutrophilic cytoplasmic antibody microscopic polyangiitis, 297
- Koan: See Buddhism
- Korea, South, prevalence and correlates of airway obstruction in a community-based sample of adults, 1924
- Laboratory and animal investigations, atrial fibrillation is associated with accumulation of aging-related common type mitochondrial DNA deletion mutation in human atrial tissue, 539
- automated approach to quantitative air trapping measurements in mild cystic fibrosis, 1655
- cigarette smoking increases neutrophil formyl methionyl leucyl phenylalanine receptor numbers, 1642
- continuous tepid blood cardioplegia can preserve coronary endothelium and ameliorate the occurrence of cardiomyocyte apoptosis, 1647
- detection of loss of heterozygosity by high-resolution fluorescent system in non-small cell lung cancer: association of loss of heterozygosity with smoking and tumor progression, 545
- effects of chronic intermittent asphyxia on rat diaphragm and limb muscle contractility, 875
- efficacy of a new intra-aortic propeller pump vs the intra-aortic balloon pump: an animal study, 2089
- extra-fine particles improve lung delivery of inhaled steroids in infants: a study in an upper airway model, 2083
- improved myocardial function using a Na⁺/H⁺ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- matrix metalloproteinases inhibition attenuates tobacco smoke-induced emphysema in guinea pigs, 1633
- neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
- neurokinin-1 and neurokinin-2 antagonism inhibits long-term acid fog-induced airway hyperresponsiveness, 524
- neutrophil chemotactic activity of sputum from patients with COPD: role of interleukin 8 and leukotriene B₄, 1240
- nuclear accumulation of p53 is a potential marker for the development of squamous cell lung cancer in smokers, 181
- pharmacologic effects of tobacco dust extract on isolated guinea pig trachea, 862
- pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- pulmonary metastatic model of human non-small cell lung carcinoma cells that produce a neutrophil elastase-like molecule in severe combined immunodeficiency mice, 1248
- short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
- T helper type 2 cytokine receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in induced sputum of atopic asthmatics, 2074
- two aerosolized nitric oxide adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- Lactate, hyperlactatemia after cardiac surgery, 1361
- Lactic acidosis: See Acidosis
- Langerhans cells, pulmonary histiocytosis, 1673
- Larva migrans, visceral, mimicking lymphoma, 1296
- Laser therapy, guidelines, 1693
- Lead-time bias: See Bias
- Left anterior descending artery: See Anterior descending artery, left
- Left ventricle: See Ventricle, left
- Legionella pneumophila*, microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- Legs, acute effects of exercise in patients with previous deep venous thrombosis: impact of the postthrombotic syndrome, 399
- getting a leg up on the postthrombotic syndrome, 327
- limb muscle contractility, effects of chronic intermittent asphyxia on rat diaphragm and, 875
- Length of stay: See Hospitalization
- Leptospirosis, presenting as diffuse alveolar hemorrhage, 639
- Leukemia, acute, bilateral cavitary pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation for, 929
- Leukocytes, variations in pleural fluid WBC count and differential counts with different sample containers and different methods, 1181
- Leukotriene B₄, neutrophil chemotactic activity of sputum from patients with COPD: role of interleukin 8 and, 1240
- Leukotriene C₄ synthase gene expression, Mar. Supp., 426S
- Leukotriene receptor antagonists, top ten list in asthma, 593
- Leukotrienes, COPD: is chemotaxis the key? 983
- Levalbuterol compared to racemic albuterol: efficacy and outcomes in patients hospitalized with COPD or asthma, 128
- Levofloxacin, efficacy and safety of azithromycin vs, in the outpatient treatment of acute bacterial exacerbations of chronic bronchitis, 772
- Life satisfaction: See Quality of life
- Limbs: See Arms; Legs
- Lipoma, endobronchial, 293
- Lipopolysaccharide down-regulates leukotriene C₄ synthase gene expression in a cell-specific manner in the monocyte-like cell line, THP-1, Mar. Supp., 426S
- Literature review (feature), top ten list in asthma, 593
- Literature reviews: See also Reviews (feature); association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Lithium, adult toxicology in critical care; part II: specific poisonings, 897
- Liver, injury, fatal, associated with rifampin-pyrazinamide treatment of latent tuberculosis, 967
- pericardiocentesis and pancreatic aspiration needle biopsy in coagulopathic and thrombocytopenic cirrhotic patient, 956
- portopulmonary hypertension: a tale of two circulations, 562
- pyrazinamide and rifampin vs isoniazid for the treatment of latent tuberculosis: improved completion rates but more hepatotoxicity, 102
- Loading: See Rehabilitation
- Lobectomy, thorascopic, for lung cancer with a largely fused fissure, 619
- Loculated pleural effusions: See Pleural effusions
- Logistic regression analysis: See Regression analysis
- Lung, architecture, neonatal exposure to 65% oxygen durably impairs breathing pattern and, in adult mice, 530
- dynamic hyperinflation; acute effects of hyperoxia on dyspnea in hypoxemia patients with chronic airway obstruction at rest, 1038
- left lower lobe, ruptured hydatid cyst; cavitary lung lesion, 937
- myofibroblasts, asthma in the new millennium, Mar. Supp., 422S
- necrotic mass-like upper lobe opacity, 277
- use of selective bronchography in predicting reversal of neoplastic obstructive atelectasis, 828
- Lung cancer: See Pulmonary neoplasms; Pulmonary neoplasms, non-small cell
- Lung cysts: See Cyst
- Lung diffusing capacity: See Carbon monoxide

- Lung diseases: See Pulmonary diseases
- Lung function: See Pulmonary function
- Lung injury, acute/ARDS, effects of short-term pressure-controlled ventilation on gas exchange, airway pressures, and gas distribution in patients with: comparison with volume-controlled ventilation, vol. 122:1382-1388; erratum, vol. 123:315
- dead space ventilation in critically ill children with, 2050
- ischemia/reperfusion, respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- ischemic reperfusion, respiratory failure after lung transplantation, 165
- neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
- Lung surgery: See Lobectomy; Lung transplantation; Surgery
- Lung transplantation, GI complications after, in patients with cystic fibrosis, 37
- HLA mismatches predispose to the severity of bronchiolitis obliterans syndrome after, 1825
- organ donation and allocation, 962, 963
- orthotopic, for sarcoidosis, 962, 963
- pulmonary embolism in idiopathic pulmonary fibrosis transplant recipients, 1758
- pulmonary eosinophilia following, for sarcoidosis in two patients, 629
- recipients, *Aspergillus* infection in, with cystic fibrosis, 800
- respiratory failure after, 165
- respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of, 504
- respiratory failure early after: now that we know the extent of the problem, what are the solutions? 14
- retransplantation: all for one or one for all? 1781
- retransplantation for bronchiolitis obliterans syndrome, 1832
- Lung volume, spirometry-based algorithm to direct lung function testing in the pulmonary function laboratory, 1939
- Lung volume reduction surgery, effects of, for emphysema on oxygen cost of breathing, 1847
- prospective evaluation of, in 200 consecutive patients, 1026
- sustained improvements in dyspnea and pulmonary function 3 to 5 years after, 1838
- update, 975
- Lymph nodes, mediastinal involvement in potentially resectable lung cancer: comparison of CT, positron emission tomography, and endoscopic ultrasonography with and without fine-needle aspiration, 442
- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- size and metastatic infiltration in non-small cell lung cancer, 463
- thoracoscopic resection of Castleman disease, 280
- ultrasound-guided transbronchial needle aspiration, 604
- Lymphangioleiomyomatosis, chylothorax in, 623
- Lymphocytes, induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1786
- new and exploratory therapies for asthma, Mar. Supp., 439S
- T helper type 2 cytokine receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in induced sputum of atopic asthmatics, 2074
- Lymphoepithelial cyst: See Cyst
- Lymphoma, pulmonary, methotrexate-induced, 2150
- visceral larva migrans mimicking, 1296
- Malignant mesothelioma: See Mesothelioma
- Malnutrition: See Nutrition
- Mandibular advancement, continuous positive airway pressure: by nose or mouth? 662
- Markers, biochemical: See Biochemical markers
- Maroteaux-Lamy syndrome, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- scientific koan: what is the cause of cystic fibrosis? 1792
- Mask, clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- continuous positive airway pressure: by nose or mouth? 662
- ventilation, noninvasive ventilation is more than, 2156, 2157
- Mass screening: See Pulmonary diseases, chronic obstructive; Pulmonary neoplasms
- Mast cells, adenosine airways responsiveness: what does it mean? 971
- new and exploratory therapies for asthma, Mar. Supp., 439S
- Matrix metalloproteinases: See Metalloproteinases
- Mechanical ventilation: See Pneumonia, ventilator-associated; Respiration, artificial
- Mediastinal lymph node involvement in potentially resectable lung cancer, 442
- Mediastinal neoplasms, a 59-year-old asymptomatic man with systolic murmur and, 1289
- Mediastinoscopy, non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- non-small cell lung cancer with chest wall involvement, 1323
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinotomy and, for staging lung cancer, 333
- Mediastinotomy, non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and, for staging lung cancer, 333
- Mediastinum, thoracoscopic resection of Castleman disease, 280
- Medical devices: See Equipment
- Medical journals: See Publishing
- Medicine, end-of-life care and eudaemonia, 16
- Medroxyprogesterone, comparison of acetazolamide and, as respiratory stimulants in hypercapnic patients with COPD, 1450
- Megestrol, complications, 309, 310
- Men, gender differences in sleep apnea: the role of neck circumference, 1544
- orthotopic lung transplant for sarcoidosis, 962, 963
- prevalence and correlates of airway obstruction in a community-based sample of adults, 1924
- Mesothelioma, malignant, interferons and their application in the diseases of the lung, 209
- malignant pleural, surgical treatment of: a review, 551
- Mesothelium, pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- Meta-analysis, difficult step in: refining the search, 960
- heliox for status asthmaticus? 675
- heliox vs air-oxygen mixtures for the treatment of patients with acute asthma: a systematic overview, 882
- percutaneous dilatational tracheostomy: we live in a twisted world, 1336
- Metabolic and ventilatory parameters of four activities of daily living accomplished with arms in COPD patients, 1047
- Metalloproteinases, matrix, inhibition attenuates tobacco smoke-induced emphysema in guinea pigs, 1633
- Metals, occupational risk factors for sarcoidosis in African-American siblings, 1527
- Metastatic neoplasms, breast cancer in smokers, 1771, 1772
- lymph node size and metastatic infiltration in non-small cell lung cancer, 463
- mediastinal lymph node involvement in potentially resectable lung cancer, 442
- model of human lung cancer, 986
- non-small cell lung cancer with chest wall involvement, 1323

- pulmonary model of human non-small cell lung carcinoma cells that produce a neutrophil elastase-like molecule in severe combined immunodeficiency mice, 1248
- a 63-year-old man with suspected lung cancer and acute renal failure, 2140
- squamous cell lung cancer simulating an acute myocardial infarction, 304
- Metered-dose inhalers: See Nebulizers
- Methacholine challenge: See Bronchial provocation
- Methemoglobin, a 74-year-old woman with desaturation following surgery, 613
- Methemoglobinemia, adult toxicology in critical care; part II: specific poisonings, 897
- Methodology, research: See Research; Statistical analysis
- Methotrexate, alternate treatments in asthma, 1254
- induced pulmonary lymphoma, 2150
- Methylprednisolone acetate, randomized, phase III, double-blind, placebo-controlled trial of intrapleural instillation of, in the management of malignant pleural effusion, 822
- Mg: See Magnesium
- MIB-1, risk of recurrence in patients with surgically resected stage I non-small cell lung carcinoma, 1858
- Mice, adult, neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in, 530
- SCID; model of human lung cancer, 986
- SCID: pulmonary metastatic model of human non-small cell lung carcinoma cells that produce a neutrophil elastase-like molecule in, 1248
- Microalbuminuria, proteinuria in COPD patients with and without respiratory failure, 652, 653
- Microdrainage: See Emphysema
- Military: See Armed forces
- Milrinone, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- Minimally invasive techniques, thoracoscopic lobectomy for lung cancer with a largely fused fissure, 619
- thoracoscopic resection of Castleman disease, 280
- treating malignancy-related effusions, 1775
- Minocycline, relapsing acute respiratory failure induced by, 2146
- Minority groups: See African-Americans; Ethnic groups
- Misdiagnosis: See Pulmonary diseases, chronic obstructive
- Mitchell Lecture (Roger B. Mitchell), contribution of the distal lung to the pathologic and physiologic changes in asthma: potential therapeutic target, Mar. Supp., 348S
- Mitochondrial DNA: See Genetics
- Mitosis: See Cell mitosis
- Mitral valve: See Heart valves
- Monitoring: See Bronchial provocation; Gastric tonometry; Hemodynamics; Pulmonary function; Urine color test
- Montelukast, top ten list in asthma, 593
- Mortality: See also Outcomes; Survival; application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- blood cultures in community-acquired pneumonia: are we ready to quit? 977
- C-reactive protein levels correlate with organ failure and, in critically ill patients, 2043
- cardiac troponin T monitoring identifies high-risk group of normotensive patients with acute pulmonary embolism, 1947
- Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- chronic heart failure management: a realistic program, 1770
- diagnostic dilemma in suspected ventilator-associated pneumonia: one size will never fit all, 335
- evaluation of outcome in critically ill patients with nosocomial *Enterobacter* bacteremia, 1208
- fatal liver injury associated with rifampin-pyrazinamide treatment of latent tuberculosis, 967
- impact of body mass index on outcomes following critical care, 1202
- logistic regression analysis of potential prognostic factors for pulmonary thromboembolism, 813
- lung cancer screening contumacy vs mendacity, 963
- lung cancer screening debate, 653, 654
- practice guidelines for NPPV: help or hindrance? 1784
- rapid staging system for predicting, from HIV-associated community-acquired pneumonia, 1151
- relation between oscillatory ventilation at rest before cardiopulmonary exercise testing and prognosis in patients with left ventricular dysfunction, 372
- respiratory failure and sepsis are the major causes of ICU admissions and, in survivors of lung transplants, 504
- risk of heart failure and, exacerbations associated with inhaled beta-adrenoceptor agonists among patients with known left ventricular systolic dysfunction, 1964
- to screen or not to screen: a volatile issue in lung cancer, 1788
- variability in antibiotic prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- volume expansion with albumin decreases, after coronary artery bypass graft surgery, 1853
- Mountain sickness, altitude pulmonary edema below 8,000 feet: what are we missing? 5
- high-altitude pulmonary edema at moderate altitude (<2,400 m; 7,870 feet): a series of 52 patients, 49
- Mouth, continuous positive airway pressure: by nose or? 662
- hemoptysis, history of oral ulcers, and abnormal chest radiograph in a 64-year-old man, 617
- Mouth breathing, upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Mucosal pH, measurement, the role of, in the management of trauma, May Supp., 475S
- Mucus, measurement of nasal potential difference in mild asthmatics, 1467
- Multiantigen assay: See Antigens
- Multidisciplinary team, practice organization, lung cancer care, Jan. Supp., 332S
- Multiple organ failure: See Organ failure
- Multivariable logistic regression analysis: See Regression analysis
- Muscles: See also Respiratory muscles; nasal oxygen and sympathetic nerve activity in heart failure, 366
- limb muscle contractility, effects of chronic intermittent asphyxia on rat diaphragm and, 875
- quadriceps fatigue after cycle exercise in patients with COPD compared with healthy control subjects, 1104
- striking similarities in systemic factors contributing to decreased exercise capacity in patients with severe chronic heart failure or COPD, 1416
- Muscular dystrophy, Duchenne, tracheobronchomalacia and tracheal hemorrhage in patients with, receiving long-term ventilation with uncuffed tracheostomies, 1307
- novel form of manually assisted ventilation, 949; erratum, 1776
- Mushroom workers' chronic cough, is [it] the same as byssinosis, and what should the occupational exposure limit be for endotoxin? 2160, 2161
- Mutations: See Genetics
- Mycobacteria, recovery of cell wall-deficient organisms from blood does not distinguish between patients with sarcoidosis and control subjects, 413
- Mycobacterium tuberculosis*: See Tuberculosis
- Mycoplasma pneumoniae*, asthma in the new millennium, Mar. Supp., 425S, 426S, 427S
- community-acquired pneumonia in Southeast Asia, 1512
- Myocardial function, improved, using a Na^+/H^+ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- Myocardial infarction, acute, squamous cell lung cancer simulating, 304
- acute, with simultaneous ST-segment elevation in the precordial and inferior leads, 1170
- effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- Myocardial ischemia, transcardiac release of soluble adhesion molecules during coronary artery bypass grafting: effects of crystalloid and blood cardioplegia, 1355
- Myocardial revascularization, percutaneous, cardiac rehabilitation following heart transplant, heart valve surgery, for chronic heart failure, and, 2104

- technical aspects of composite arterial grafting with double skeletonized internal thoracic arteries, 1348
- Myocardial sarcoidosis: See Sarcoidosis
- Myxoma, cardiac, clinicopathologic study and DNA analysis of 37: a 28-year experience, 1379
- Nasal continuous positive airway pressure: See Positive airway pressure, continuous, nasal
- Nasal pillows, clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- Nasal polyps: See Nose
- Nasal positive-pressure ventilation: See Positive-pressure ventilation, nasal
- Natriuretic peptides, effect of cilostazol on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- Nebulizers: See also Aerosols; [AeroDose inhaler] so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- budesonide and formoterol in a single inhaler improves asthma control compared with increasing the dose of corticosteroid in adults with mild-to-moderate asthma, 1480
- efficiency of pulmonary administration of tobramycin solution for inhalation in cystic fibrosis using an improved drug delivery system, 28
- extra-fine particles improve lung delivery of inhaled steroids in infants: a study in an upper airway model [Qvar metered-dose inhaler], 2083
- Neck circumference, gender differences in sleep apnea: the role of, 1544
- Needle aspiration biopsy: See Biopsy
- Neff Lecture (Thomas A. Neff), is asthma an infectious disease? Mar. Supp., 385S
- Neonates: See Infants
- Neoplasm metastasis: See Metastatic neoplasms
- Neoplasm staging, non-small cell lung cancer, Jan. Supp., 137S-175S
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and mediastinotomy for staging lung cancer, 333
- techniques, non-small cell lung cancer, and endoscopic ultrasound: tissue is still the issue, 1718
- Neoplasms: See also names of specific types of cancer, *eg*, Carcinoma; and specific parts of the body, *eg*, Breast neoplasms; Pulmonary neoplasms; Pulmonary neoplasms, non-small cell; new diagnostic tool for tumor angiogenesis, 966
- risk of cancers in COPD patients, 1775
- thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- Neuroendocrine neoplasms, paraneoplastic bilateral proptosis in a case of non-small cell lung cancer, 627
- Neurohumoral factors, effect of cilostazol on the ventricular escape rate and, in patients with third-degree atrioventricular block, 1161
- Neurokinin-1 and neurokinin-2 antagonism inhibits long-term acid fog-induced airway hyperresponsiveness, 524
- Neurologic abnormalities, fat embolism syndrome, 982
- Neurologic symptoms, rapid staging system for predicting mortality from HIV-associated community-acquired pneumonia, 1151
- Neuromuscular disorders, novel form of manually assisted ventilation, 949; erratum, 1776
- secretion management, 1773
- Neuromuscular ventilatory coupling, exercise training improves exertional dyspnea in patients with COPD: evidence of role of mechanical factors, 1794
- Neutrophil elastase inhibitor, model of human lung cancer, 986
- Neutrophil elastase-like molecule, pulmonary metastatic model of human non-small cell lung carcinoma cells that produce, in severe combined immunodeficiency mice, 1248
- Neutrophils, asthma in the new millennium, Mar. Supp., 410S
- chemotactic activity of sputum from patients with COPD: role of interleukin 8 and leukotriene B₄, 1240
- COPD: is chemotaxis the key? 983
- formyl methionyl leucyl phenylalanine receptor numbers, cigarette smoking increases, 1642
- long-term repeatability of induced sputum cells and inflammatory markers in stable, moderately severe COPD, 778
- polymorphonuclear, transcardiac release of soluble adhesion molecules during coronary artery bypass grafting: effects of crystalloid and blood cardioplegia, 1355
- Nicotine addiction: See Smoking
- Nitric oxide, exhaled, prospective evaluation of the validity of, for the diagnosis of asthma, 751
- sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- two aerosolized adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- Norepinephrine, circulating levels of tumor necrosis factor correlate with indexes of depressed heart rate variability: patients with mild-to-moderate heart failure, 716
- urinary; impact of sleep apnea on sympathetic nervous system activity in heart failure, 1119
- Nose, continuous positive airway pressure: by mouth or? 662
- measurement of nasal potential difference in mild asthmatics, 1467
- polyps, tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Nosocomial infections: See Cross-infection; Pneumonia, ventilator-associated
- Nutrition, confounding issues in COPD risk study? 307
- effects of lung volume reduction surgery for emphysema on oxygen cost of breathing, 1847
- impact of body mass index on outcomes following critical care, 1202
- prognostic value of nutritional depletion in patients with COPD treated by long-term oxygen therapy, 1460
- Obesity: See also Body mass index; association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- confounding issues in COPD risk study? 307
- hypoventilation syndrome, changing patterns in long-term noninvasive ventilation, 67
- impact of body mass index on outcomes following critical care, 1202
- severe, predicting sleep apnea and excessive day sleepiness in: indications for polysomnography, 1134
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Obstructive sleep apnea syndromes: See Sleep apnea syndromes, obstructive
- Occupational and environmental lung disease: See also Environmental exposure; Occupational exposure; need for monitoring non-specific bronchial hyperresponsiveness before and after isocyanate inhalation challenge, 1276
- occupational asthma due to persulfate salts: diagnosis and follow-up, 2124
- respiratory findings in tobacco workers, 1740
- risk of asthma among Finnish patients with occupational rhinitis, 283
- Occupational exposure: See also Occupational and environmental lung disease; getting the most from the "gold standard," 987
- granulomatous pneumonitis following exposure to the World Trade Center collapse, 301
- limit for endotoxin, is mushroom workers' chronic cough the same as byssinosis, and what should the limit be? 2160, 2161
- pharmacologic effects of tobacco dust extract on isolated guinea pig trachea, 862
- risk factors for sarcoidosis in African-American siblings, 1527
- woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- Oliguria, bad medicine: low-dose dopamine in the ICU, 1266
- Omalizumab, top ten list in asthma, 593
- Opinions/hypotheses, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130

- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Opioid therapy, long-term, sleep-disordered breathing associated with, 632
- Opioids, adult toxicology in critical care; part II: specific poisonings, 897
- Orexin-A, plasma levels and body composition in COPD, 1060
- Organ donation and allocation, lung retransplantation: all for one or one for all? 1781
- orthotopic lung transplant for sarcoidosis, 962, 963
- Organ failure, application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- C-reactive protein levels correlate with mortality and, in critically ill patients, 2043
- impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- Organophosphates, adult toxicology in critical care; part II: specific poisonings, 897
- OSAS: See Sleep apnea syndromes, obstructive
- Osteoporosis, in pulmonary clinic patients: does point-of-care screening predict central dual-energy X-ray absorptiometry? 2012
- Outcomes: See also Mortality; Survival; clinical, after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- clinical, impact of initial antibiotic choice on, in community-acquired pneumonia, 1503
- clinical, related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- cross-cultural comparison of critical care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for chronic thromboembolic pulmonary hypertension, 319
- evaluation of, in critically ill patients with nosocomial *Enterobacter* bacteremia, 1208
- evaluation of a practice guideline for noninvasive positive-pressure ventilation for acute respiratory failure, 2062
- extubation, minute ventilation recovery time: a predictor of, 1214
- factors influencing, in cystic fibrosis, 20
- heliox for status asthmaticus? 675
- hyperlactatemia, frequency, risk factors, and, after cardiac surgery, 1361
- impact of body mass index on, following critical care, 1202
- lung retransplantation for bronchiolitis obliterans syndrome, 1832
- lung volume reduction surgery update, 975
- measurements in COPD: are we schizophrenic? 1325
- observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
- physical and psychological: caregivers of long-term ventilator patients, 1073
- practice guidelines for NPPV: help or hindrance? 1784
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- risk of recurrence in patients with surgically resected stage I non-small cell lung carcinoma, 1858
- 6-min walk work for assessment of functional capacity in patients with COPD, 1408
- variability in antibiotic prescribing patterns and, in patients with clinically suspected ventilator-associated pneumonia, 835
- Outpatient care: See Ambulatory care; Emergency services
- Overdiagnosis: See Diagnosis
- Overweight patients: See Body mass index; Body weight; Obesity
- Oximetry, oximeter performance and diagnostic accuracy of sleep studies, 2160
- pulse, home overnight, in patients with COPD: more than one recording may be needed, 1127
- pulse, nocturnal home, reference values for, during sleep in primary school children, 96
- pulse, recordings, utility of oxygen saturation and heart rate spectral analysis obtained from, in the diagnosis of sleep apnea syndrome, 1567
- pulse, what is the effect of fingernail polish on? 2163
- a 74-year-old woman with desaturation following surgery, 613
- Oxygen, body stores, effects of nasal continuous positive airway pressure on, in patients with Cheyne-Stokes respiration and congestive heart failure, 59
- cost of breathing, effects of lung volume reduction surgery for emphysema on, 1847
- dead space ventilation in critically ill children with lung injury, 2050
- desaturation, 6-minute walk testing is more sensitive than maximal incremental cycle testing for detecting, in patients with COPD, 1401
- desaturation, a 74-year-old woman with, following surgery, 613
- desaturation, home overnight pulse oximetry in patients with COPD: more than one recording may be needed, 1127
- free radicals, proteinuria in COPD patients with and without respiratory failure, 652, 653
- heliox redux, 673
- heliox vs air-oxygen mixtures for the treatment of patients with acute asthma: a systematic overview, 882
- long-term, acute effects of hyperoxia on dyspnea in hypoxemia patients with chronic airway obstruction at rest, 1038
- long-term therapy, prognostic value of nutritional depletion in patients with COPD treated by, 1460
- nasal, and muscle sympathetic nerve activity in heart failure, 366
- nocturnal supplemental nasal, Pembrey's dream: the time has come for a long-term trial of, to treat central sleep apnea in congestive heart failure, 322
- pulmonary vascular responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- saturation, utility of, and heart rate spectral analysis obtained from pulse oximetric recordings in the diagnosis of sleep apnea syndrome, 1567
- shunt test, role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- single-breath diffusing capacity of the lung for carbon monoxide: a predictor of PaO_2 maximum work rate, and walking distance in patients with emphysema, 1394
- 65%, neonatal exposure to, durably impairs lung architecture and breathing pattern in adult mice, 530
- stores, Cheyne-Stokes respiration and congestive heart failure: are [they] the critical factor? 7
- therapy, long-term, evaluation of health-related quality of life in low-income patients with COPD receiving, 136
- therapy, transtracheal; guidelines, 1693
- use of helium-oxygen mixtures in the treatment of acute asthma: a systematic review, 891
- Oxygen uptake, metabolic and ventilatory parameters of four activities of daily living accomplished with arms in COPD patients, 1047
- quadriceps fatigue after cycle exercise in patients with COPD compared with healthy control subjects, 1104
- resting lung function and hemodynamic parameters as predictors of exercise capacity in patients with chronic heart failure, 1386
- striking similarities in systemic factors contributing to decreased exercise capacity in patients with severe chronic heart failure or COPD, 1416
- Oxygenation, extracorporeal membrane, complications of intermittent prone positioning in pediatric patients receiving, for respiratory failure, 1589
- prone position in ARDS: are we looking at a half-empty or half-full glass? 1334
- reference values for nocturnal home pulse oximetry during sleep in primary school children, 96

- p53 gene, nuclear accumulation of, is a potential marker for the development of squamous cell lung cancer in smokers, 181
- Pacemakers, cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- effect of cilostazol on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- Pain, distraction therapy with nature sights and sounds reduces, during flexible bronchoscopy, 941
- management, continuous thoracic paravertebral infusion of bupivacaine for, in patients with multiple fractured ribs, 424
- talc pleurodesis vs idopovidone, 1318, 1319
- Palliative care, end-of-life care and eudaemonia, 16
- impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- lung cancer, Jan. Supp. 284S
- Palsy, bulbar, secretion management, 1773
- Panbronchiolitis, diffuse, tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Pancreatic aspiration needle biopsy, pericardiocentesis and, in coagulopathic and thrombocytopenic cirrhotic patient, 956
- Paraneoplastic bilateral proptosis in a case of non-small cell lung cancer, 627
- Paraneoplastic syndromes, initial evaluation of the patient with lung cancer: symptoms, signs, laboratory tests, and, Jan. Supp. 97S
- Parasympathetic nervous system: See Autonomic nervous system
- Patient questionnaires: See Questionnaires
- Patient transport, intrahospital transport of critically ill patients using ventilator with patient-triggering function, 159
- Patients: See also Quality of life; caregivers of long-term ventilator patients: physical and psychological outcomes, 1073
- compliance; sleep apnea devices and sleep apnea surgery should be compared on effectiveness, not efficacy, 961, 962
- distraction therapy with nature sights and sounds reduces pain during flexible bronchoscopy, 941
- isoniazid compliance, urine color test in, 668
- novel form of manually assisted ventilation, 949; erratum, 1776
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- satisfaction, 961, 962
- self-reported asthma and health-related quality of life, 119
- 6-min walk work for assessment of functional capacity in patients with COPD, 1408
- use of the Internet for information in a lung cancer clinic, 452
- use of the urine color test to monitor compliance with isoniazid treatment of latent tuberculosis infection, 736
- Peak expiratory flow, heliox redux, 673
- Peak expiratory flow rates, what is the best way to measure lung function? 667
- Peak flow, how to design a negative study, 655, 656
- PEEP: See Positive end-expiratory pressure
- Peer review, clinician or statistician? 677
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat central sleep apnea in congestive heart failure, 322
- Penicillins, antibiotic therapy of ventilator-associated pneumonia, 670
- impact of initial antibiotic choice on clinical outcomes in community-acquired pneumonia, 1503
- variability in antibiotic prescribing patterns and outcomes in patients with clinically suspected ventilator-associated pneumonia, 835
- Pentamidine, aerosol, pulmonary effects of long-term exposure to: a 5-year surveillance study in HIV-infected patients, 1983
- Percutaneous dilatational tracheostomy: See Tracheostomy
- Percutaneous pleural biopsy: See Biopsy
- Pericardial cyst: See Cyst
- Pericardial effusions, new diagnostic and therapeutic approach to: transbronchial needle aspiration, 1753
- Pericardiocentesis, pancreatic aspiration needle biopsy and, in coagulopathic and thrombocytopenic cirrhotic patient, 956
- treating malignancy-related effusions, 1775
- Pericardiectomy, treating malignancy-related effusions, 1775
- Periodic attractors: See Thermodynamics
- Peripheral arterial tone, evaluation of a portable device based on, for unattended home sleep studies, 695
- Peripheral venipuncture: See Venipuncture
- Peroxisome proliferator-activated receptors, new diagnostic tool for tumor angiogenesis, 966
- Persulfate salts, occupational asthma due to, 2124
- PET: See Tomography, positron emission
- Petechiae: See Skin rash
- Petty, Thomas L., 45th annual Aspen Lung Conference: asthma in the new millennium, Mar. Supp., 339S-450S
- pH, chronic cough: practical considerations, 659
- improved myocardial function using a Na^+/H^+ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- mucosal, measurement, the role of, in the management of trauma, May Supp., 475S
- pleural fluid, multilevel and continuous likelihood ratios for evaluating malignant pleural effusions, 1887
- Pharmacokinetics, efficiency of pulmonary administration of tobramycin solution for inhalation in cystic fibrosis using an improved drug delivery system, 28
- Pharmacologic effects of tobacco dust extract on isolated guinea pig trachea, 862
- Phase space: See Thermodynamics
- Phencyclidine, adult toxicology in critical care; part II: specific poisonings, 897
- Phenformin-induced lactic acidosis in a patient with type 2 diabetes mellitus, hypertension, and renal failure, 1726
- Phenotypes: See Genetics
- Phosphodiesterase inhibitors, cilostazol for third-degree atrioventricular block, 979, 1161
- Phospholipase A_2 regulation, Mar. Suppl., 376S, 433S
- Phospholipids, asthma and, Mar. Supp., 355S
- Photodynamic therapy, guidelines, 1693
- surgical treatment of malignant pleural mesothelioma: a review, 551
- Physical activity: See Exercise
- Physicians, clinician or statistician? 677
- end-of-life care and eudaemonia, 16
- smoking: not for anyone, 1338
- Pickwickians: See Obesity
- Picornaviruses, diagnosis and treatment of rhinovirus respiratory infections, 1664
- Pillows, nasal: See Nasal pillows
- Piperacillin-tazobactam, antibiotic therapy of ventilator-associated pneumonia, 670
- Placebo, how to design a negative study, 655, 656
- Placental alkaline phosphatase plasmid: See Plasmids
- Plasmids, pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- Plasminogen activator inhibitor type 1, effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- Platelet-derived growth factor receptor- β , Mar. Supp., 428S
- Pleconaril, diagnosis and treatment of rhinovirus respiratory infections, 1664
- Pleura, accuracy of puncture sites: a prospective comparison of clinical examination with ultrasound, 436
- effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- Pleural biopsy, percutaneous: See Biopsy
- Pleural drainage units, comparison of function of catheters and, 1878
- Pleural effusions, caused by prostaglandin E_1 preparation, 952
- chest ultrasound for "dummies," 332
- chylothorax in lymphangioleiomyomatosis, 623
- dry talc pleurodesis via chest tube, 308
- interferons and their application in the diseases of the lung, 209
- loculated, effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with, 432

- malignant, effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in, 1188
- malignant, multilevel and continuous pleural fluid pH likelihood ratios for evaluating, 1887
- malignant; randomized, phase III, double-blind, placebo-controlled trial of intrapleural instillation of methylprednisolone acetate in the management of, 822
- malignant, rapid pleurodesis for, 1895
- massive transudate following a vertebral fusion in a 49-year-old woman, 1280
- tuberculous, diagnostic significance of interferon- γ in, 740
- ultrasound-guided thoracentesis: is it a safer method? 418
- variations in pleural fluid WBC count and differential counts with different sample containers and different methods, 1181
- Pleural fluid, effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- multilevel and continuous pH likelihood ratios for evaluating malignant pleural effusions, 1887
- WBC count, variations in, and differential counts with different sample containers and different methods, 1181
- Pleural neoplasms, malignant mesothelioma, surgical treatment of: a review, 551
- Pleurisy, tuberculous, functional sequelae of, in patients correctly treated, 1996
- Pleurocentesis, accuracy of pleural puncture sites: a prospective comparison of clinical examination with ultrasound, 436
- Pleurodesis, dry talc, via chest tube, 308
- effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- multilevel and continuous pleural fluid pH likelihood ratios for evaluating malignant pleural effusions, 1887
- pneumothorax in cystic fibrosis, 217
- rapid, for malignant pleural effusions, 1895
- talc, vs iodopovidone, 1318, 1319
- Pleuroscopy, guidelines, 1693
- Pneumomediastinum, telephone diagnosis of a strange voice, 2112
- Pneumonectomy, extrapleural, surgical treatment of malignant pleural mesothelioma: a review, 551
- Pneumonia, acute eosinophilic, high concentration of (1 \rightarrow 3)- β -D-glucan in BAL fluid in patients with, 1302
- altitude pulmonary edema below 8,000 feet: what are we missing? 5
- aspiration; fever, cough, and bilateral lung infiltrates, 608
- chronic eosinophilic, 1763
- community-acquired, blood cultures in: are we ready to quit? 977
- community-acquired, combination antibiotic therapy with macrolides in, 1328
- community-acquired, contribution of blood cultures to the clinical management of adult patients admitted to the hospital with, 1142
- community-acquired, impact of initial antibiotic choice on clinical outcomes in, 1503
- community-acquired, in Southeast Asia: the microbial differences between ambulatory and hospitalized patients, 1512
- community-acquired, severe, microbiological testing and outcome of patients with, 174
- cryptogenic organizing, tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- early-onset, 670
- hospital-acquired: risk factors for antimicrobial-resistant causative pathogens in critically ill patients, 2034
- interstitial, nonspecific, associated with polymyositis and dermatomyositis: serial high-resolution CT findings and functional correlation, 1096
- late-onset, 670
- prognostic and clinical evaluation of infection caused by *Rhodococcus equi* in HIV-infected patients: a multicenter study of 67 cases, 1970
- pulmonary eosinophilia following lung transplantation for sarcoidosis in two patients, 629
- ventilator-associated, antibiotic therapy of: in search of the magic bullet, 670
- ventilator-associated, clinically suspected, variability in antibiotic prescribing patterns and outcomes in patients with, 835
- ventilator-associated, microscopic examination of intracellular organisms in protected bronchoalveolar mini-lavage fluid for the diagnosis of, 518
- ventilator-associated, suspected, diagnostic dilemma in: one size will never fit all, 335
- Pneumonic-type adenocarcinoma of the lung, clinical characteristics of, 1868
- Pneumonitis, granulomatous, following exposure to the World Trade Center collapse, 301
- hypersensitivity, link between anthrax immunization and? 1769
- Pneumothorax, bilateral pneumothoraces after unilateral transthoracic needle biopsy of a lung nodule, 1297
- cavitary lung lesion, 937
- comparison of function of commercially available pleural drainage units and catheters, 1878
- in cystic fibrosis, 217
- ultrasound-guided thoracentesis: is it a safer method? 418
- Point attractors: See Thermodynamics
- Poisoning, adult toxicology in critical care; part I: general approach to the intoxicated patient, 577; part II: specific poisonings, 897
- Polyangiitis, microscopic, pulmonary interstitial fibrosis as a presenting manifestation in perinuclear antineutrophilic cytoplasmic antibody, 297
- Polychondritis, relapsing, diffuse tracheal narrowing with recurrent bronchopulmonary infections, 289
- Polymorphisms: See Genetics
- Polymyositis, nonspecific interstitial pneumonia associated with dermatomyositis and: serial high-resolution CT findings and functional correlation, 1096
- Polyps, nasal: See Nose
- Polysonnography, evaluation of unattended automated titration to determine therapeutic continuous positive airway pressure in patients with obstructive sleep apnea, 704
- physiologic comparison of nasal and oral positive airway pressure, 689
- predicting sleep apnea and excessive day sleepiness in the severely obese: indications for, 1134
- Portopulmonary hypertension: a tale of two circulations, 562
- Positive airway pressure, bilevel, pilot prospective, randomized, placebo-controlled trial of, in acute asthmatic attack, 1018
- Positive airway pressure, continuous, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- by nose or mouth? 662
- Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using, 1112
- evaluation of unattended automated titration to determine therapeutic pressure in patients with obstructive sleep apnea, 704
- nasal, effects of, on oxygen body stores in patients with Cheyne-Stokes respiration and congestive heart failure, 59
- nasal, left ventricular dysfunction and sleep apnea syndrome: cause or consequence? 1774
- nasal, physiologic comparison of oral CPAP and, 689
- oral, 662, 689
- relationship of systolic BP to obstructive sleep apnea in patients with heart failure, 1536
- relationships between insomnia and sleep-disordered breathing, 310, 311
- Positive end-expiratory pressure, dead space ventilation in critically ill children with lung injury, 2050
- intra-hospital transport of critically ill patients using ventilator with patient-triggering function, 159
- time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- Positive-pressure ventilation, nasal, changing patterns in long-term noninvasive ventilation, 67
- noninvasive, evaluation of a practice guideline for, for acute respiratory failure, 2062
- practice guidelines for: help or hindrance? 1784

- tracheobronchomalacia and tracheal hemorrhage in patients with Duchenne muscular dystrophy receiving long-term ventilation with uncuffed tracheostomies, 1307
- Positron emission tomography: See Tomography, positron emission
- Postoperative complications, application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- Aspergillus infection in lung transplant recipients with cystic fibrosis, 800
- bilateral cavitory pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation, 929
- fat embolism syndrome, 982
- GI complications after lung transplantation in patients with cystic fibrosis, 37
- HLA mismatches predispose to the severity of bronchiolitis obliterans syndrome after lung transplantation, 1825
- lung retransplantation for bronchiolitis obliterans syndrome, 1832
- percutaneous dilatational tracheostomy in the ICU: optimal organization, low complication rates, and description of a new complication [tracheal wall injury from tracheal cannula], 1595
- percutaneous dilatational tracheostomy: we live in a twisted world, 1336
- pulmonary embolism in idiopathic pulmonary fibrosis transplant recipients, 1758
- pulmonary eosinophilia following lung transplantation for sarcoidosis in two patients, 629
- respiratory failure after lung transplantation, 165
- respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- a 74-year-old woman with desaturation following surgery, 613
- tracheostomy performed in the ICU: subthyroid tracheostomy vs surgical cricothyroidotomy, 151
- utility of chest radiographs following percutaneous dilatational tracheostomy, 1603
- volume expansion with albumin decreases mortality after coronary artery bypass graft surgery, 1853
- Postthrombotic syndrome, acute effects of exercise in patients with previous deep venous thrombosis: impact of, 399
- getting a leg up on, 327
- Posttraumatic stress, relationships between insomnia and sleep-disordered breathing, 310, 311
- Posttuberculosis lung disorders: See Tuberculosis
- Posture, complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for respiratory failure, 1589
- prone, in ARDS: are we looking at a half-empty or half-full glass? 1334
- Practice guidelines: See Guidelines
- Pregnancy, multidrug-resistant tuberculosis in: case report and review of the literature, 953
- Pregnancy test, does primary pulmonary choriocarcinoma really exist? 313
- Preliminary reports, accelerated decline of lung function in COPD patients with chronic hepatitis C virus infection: a preliminary study based on small numbers of patients, 596
- detection of lung cancer with volatile markers in the breath, 2115
- interferon therapy induces the improvement of lung function by inhaled corticosteroid therapy in asthmatic patients with chronic hepatitis C virus infections, 600
- Preoperative care, epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for chronic thromboembolic pulmonary hypertension, 319
- evaluation of patients undergoing lung resection surgery, 2096
- prostacyclin therapy before pulmonary thromboendarterectomy in patients with chronic thromboembolic pulmonary hypertension, 338
- Pressure-controlled ventilation: See Respiration, artificial
- Pressure support ventilation, short-term noninvasive, prevents intensive care unit admittance in patients with acute cardiogenic pulmonary edema, 2057
- Primary care, chronic heart failure management: a realistic program, 1770
- Procollagen I (α_1) gene by interleukin-4, Mar. Supp., 424S
- Prone position: See Posture
- Propeller pump: See Equipment
- Proptosis, paraneoplastic bilateral, in a case of non-small cell lung cancer, 627
- Prostacyclin, analogue, orally active, effect of, on survival in patients with chronic thromboembolic pulmonary hypertension without major vessel obstruction, 1583
- epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for chronic thromboembolic pulmonary hypertension, 319
- portopulmonary hypertension: a tale of two circulations, 562
- sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- therapy before pulmonary thromboendarterectomy in patients with chronic thromboembolic pulmonary hypertension, 338
- Prostaglandin E₁ preparation, pleural effusion caused by, 952
- Proteinuria, in COPD patients with and without respiratory failure, 652, 653
- Proton pump inhibitor, chronic cough and gastroesophageal reflux disease: experience with specific therapy for diagnosis and treatment, 679
- chronic cough: practical considerations, 659
- not the perfect study, but helpful wisdom for treating asthma patients with gastroesophageal reflux disease, 973
- Pseudomonas aeruginosa*, antibiotic therapy of ventilator-associated pneumonia, 670
- does deficiency of arylsulphatase B have a role in cystic fibrosis? 2130
- early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- efficiency of pulmonary administration of tobramycin solution for inhalation in cystic fibrosis using an improved drug delivery system, 28
- microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- scientific koan: what is the cause of cystic fibrosis? 1792
- susceptibility testing of, isolates and clinical response to parenteral antibiotic administration: lack of association in cystic fibrosis, 1495
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Psychology, caregivers of long-term ventilator patients, 1073
- relationships between insomnia and sleep-disordered breathing, 310, 311
- Public health, interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- prevalence and correlates of airway obstruction in a community-based sample of adults, 1924
- urine color test in isoniazid compliance, 668
- Pulmonary and critical care pearls, bilateral cavitory pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation for acute leukemia, 929
- massive pleural transudate following a vertebral fusion in a 49-year-old woman, 1280
- a 74-year-old woman with desaturation following surgery, 613
- severe acidosis in a patient with type 2 diabetes mellitus, hypertension, and renal failure, 1726
- a 63-year-old man with suspected lung cancer and acute renal failure, 2140
- a 27-year-old HIV-infected woman with severe sepsis and pulmonary infiltrates, 272
- Pulmonary angiography: See Angiography
- Pulmonary arterial hypertension: See Hypertension, pulmonary
- Pulmonary arteriovenous malformations: See Arteriovenous malformations
- Pulmonary artery: See also Hypertension, pulmonary; agenesis of, 966
- role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Pulmonary artery hypertension: See Hypertension, pulmonary
- Pulmonary barotrauma: See Barotrauma
- Pulmonary capillaritis, leptospirosis presenting as diffuse alveolar hemorrhage, 639

- Pulmonary capillary wedge pressure, resting lung function and hemodynamic parameters as predictors of exercise capacity in patients with chronic heart failure, 1386
- Pulmonary choriocarcinoma: See Choriocarcinoma
- Pulmonary circulation: See also Hemodynamics; Hypertension, pulmonary; Pulmonary artery; Pulmonary vascular system; Pulmonary vein; sitaxsentan in pulmonary arterial hypertension, 1772
- Pulmonary complications: See also Postoperative complications; bilateral pneumothoraces after unilateral transthoracic needle biopsy of a lung nodule, 1297
- chest radiographs in HIV-infected persons, 1316, 1317
- effect of pulmonary rehabilitation in patients with posttuberculosis lung disorder, 1988
- fat embolism syndrome, 982
- Langerhans cell histiocytosis, 1673
- lung retransplantation: all for one or one for all? 1781
- pneumothorax in cystic fibrosis, 217
- prognostic and clinical evaluation of infection caused by *Rhodococcus equi* in HIV-infected patients: a multicenter study of 67 cases, 1970
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- respiratory symptoms among HIV-seropositive individuals, 1977
- ultrasound-guided thoracentesis: is it a safer method? 418
- Pulmonary diseases, clinical outcome after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- clinical usefulness and limitations of the 6-min walk test in patients with cardiovascular or, 325
- cytokeratin 19 fragment in patients with non-malignant respiratory diseases, 2001
- respiratory findings in tobacco workers, 1740
- Pulmonary diseases, chronic obstructive: See also Asthma; Emphysema; accelerated decline of lung function in patients with chronic hepatitis C virus infection: a preliminary study based on small numbers of patients, 596
- adenosine airways responsiveness: what does it mean? 971
- aging and disability affect misdiagnosis of COPD in elderly asthmatics: the SARA Study, 1066
- augmentation therapy with α_1 -antitrypsin: patterns of use and adverse events, 1425
- cardiovascular safety of salmeterol in, 1817
- cellular composition and macrophage phenotype in induced sputum in smokers and ex-smokers with, 1054
- changing patterns in long-term noninvasive ventilation, 67
- cigarette smoking increases neutrophil formyl methionyl leucyl phenylalanine receptor numbers, 1642
- comparison of acetazolamide and medroxyprogesterone as respiratory stimulants in hypercapnic patients with, 1450
- comparison of the effects of salbutamol and ipratropium bromide on exercise endurance in patients with, 1810
- confounding issues in COPD risk study? 307
- costs of chronic bronchitis and, 784
- diagnosis of airflow limitation combined with smoking cessation advice increases stop smoking rate, 1916
- effect of pulmonary rehabilitation in patients with posttuberculosis lung disorder, 1988
- evaluation of health-related quality of life in low-income patients with, receiving long-term oxygen therapy, 136
- exercise training improves exertional dyspnea in patients with: evidence of role of mechanical factors, 1794
- feasibility of high-intensity, interval-based respiratory muscle training in, 142
- home overnight pulse oximetry in patients with: more than one recording may be needed, 1127
- interpreting prevalence estimates: what is the true burden of disease? 1684
- is chemotaxis the key? 983
- is it difficult to diagnose sarcoidosis? 330
- levabuterol compared to racemic albuterol: efficacy and outcomes in patients hospitalized with asthma or, 128
- long-term treatment benefits with tiotropium in patients with and without short-term bronchodilator responses, 1441
- longitudinal study of α_1 -antitrypsin phenotypes and decline in FEV₁ in a community population, 1435
- megestrol complications, 309, 310
- metabolic and ventilatory parameters of four activities of daily living accomplished with arms in COPD patients, 1047
- neutrophil chemotactic activity of sputum from patients with: role of interleukin 8 and leukotriene B₄, 1240
- outcome measurements in: are we schizophrenic? 1325
- plasma orexin-A levels and body composition in, 1060
- practice guidelines for NPPV: help or hindrance? 1784
- prognostic value of nutritional depletion in patients with, treated by long-term oxygen therapy, 1460
- proteinuria in COPD patients with and without respiratory failure, 652, 653
- pulmonary vascular responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- quadriceps fatigue after cycle exercise in patients with, compared with healthy control subjects, 1104
- respiratory symptoms among HIV-seropositive individuals, 1977
- risk of cancers in COPD patients, 1775
- screening in high-risk groups, 959
- short-term noninvasive pressure support ventilation prevents intensive care unit admittance in patients with acute cardiogenic pulmonary edema, 2057
- 6-min walk testing is more sensitive than maximal incremental cycle testing for detecting oxygen desaturation in patients with, 1401
- 6-min walk work for assessment of functional capacity in patients with, 1408
- stable, moderately severe, long-term repeatability of induced sputum cells and inflammatory markers in, 778
- striking similarities in systemic factors contributing to decreased exercise capacity in patients with severe chronic heart failure or COPD, 1416
- time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- treatment of systemic hypertension in patients with pulmonary disease: asthma and, 222
- Pulmonary diseases, interstitial, cobalt-related, woman with dry cough and dyspnea on exertion has clubbing, conjunctival injection, and diffuse crackles, 935
- interferons and their application in the diseases of the lung, 209
- Pulmonary edema, acute cardiogenic, short-term noninvasive pressure support ventilation prevents intensive care unit admittance in patients with, 2057
- altitude, below 8,000 feet: what are we missing? 5
- altitude pulmonary edema below 8,000 feet: what are we missing? 5
- high-altitude, at moderate altitude (<2,400 m; 7,870 feet): a series of 52 patients, 49
- high-altitude, polymorphisms of the tyrosine hydroxylase gene in subjects susceptible to, 54
- ultrasound-guided thoracentesis: is it a safer method? 418
- Pulmonary embolism, acute, cardiac troponin T monitoring identifies high-risk group of normotensive patients with, 1947
- cardiac biomarkers in, 1782
- clinical outcome after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- in idiopathic pulmonary fibrosis transplant recipients, 1758
- is it difficult to diagnose sarcoidosis? 330
- logistic regression analysis of potential prognostic factors for pulmonary thromboembolism, 813
- lung sonography in, 2154
- thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- upper extremity deep venous thrombosis, 1953
- Pulmonary eosinophilia: See Eosinophilia
- Pulmonary fat embolism: See Fat embolism
- Pulmonary fibrosis, cytokeratin 19 fragment in patients with non-malignant respiratory diseases, 2001
- idiopathic, diabetes mellitus may increase risk for, 2007

- idiopathic, interferons and their application in the diseases of the lung, 209
- idiopathic, orthotopic lung transplant for sarcoidosis, 962, 963
- idiopathic, pulmonary embolism in transplant recipients, 1758
- interstitial, as a presenting manifestation in perinuclear antineutrophilic cytoplasmic antibody microscopic polyangiitis, 297
- Pulmonary function: See also specific measures, *eg*, Forced expiratory volume; accelerated decline of, in COPD patients with chronic hepatitis C virus infection: a preliminary study based on small numbers of patients, 596
- acute effects of hyperoxia on dyspnea in hypoxemia patients with chronic airway obstruction at rest, 1035
- comparison of maximal midexpiratory flow rate and forced expiratory flow at 50% of vital capacity in children, 731
- continuous thoracic paravertebral infusion of bupivacaine for pain management in patients with multiple fractured ribs, 424
- cough reflex and the "healthy smoker," 660
- diagnosis of airflow limitation combined with smoking cessation advice increases stop smoking rate, 1916
- diagnostic pathway to sarcoidosis, 406
- early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- effects of long-term exposure to aerosol pentamidine: a 5-year surveillance study in HIV-infected patients, 1983
- effects of lung volume reduction surgery for emphysema on oxygen cost of breathing, 1847
- efficacy and safety of beclomethasone dipropionate extrafine aerosol in childhood asthma: a 12-week, randomized, double-blind, placebo controlled study, vol. 122:1956-1965; erratum, vol. 123:2164
- feasibility of high-intensity, interval-based respiratory muscle training in COPD, 142
- functional sequelae of tuberculous pleurisy in patients correctly treated, 1996
- getting the most from the "gold standard," 987
- heliox vs air-oxygen mixtures for the treatment of patients with acute asthma: a systematic overview, 882
- hemodynamics and survival in patients with pulmonary arterial hypertension related to systemic sclerosis, 344
- how to design a negative study, 655, 656
- interferon therapy induces the improvement of, by inhaled corticosteroid therapy in asthmatic patients with chronic hepatitis C virus infections, 600
- interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- long-term assessment of, in survivors of severe ARDS, 845
- monitoring, factors influencing outcomes in cystic fibrosis, 20
- normal, variation in diaphragm position and shape in adults with, 2019
- portable spirometer in pediatric asthma, 1899
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- prolonged airway and systemic inflammatory reactions after smoke inhalation, 475
- respiratory findings in tobacco workers, 1740
- resting, and hemodynamic parameters as predictors of exercise capacity in patients with chronic heart failure, 1386
- the 6-min walk test: a quick measure of functional status in elderly adults, 387
- spirometric variability, school-age children, 1090
- spirometry-based algorithm to direct testing in the pulmonary function laboratory, 1939
- spirometry testing standards in spinal cord injury, 725
- sustained improvements in dyspnea and, 3 to 5 years after lung volume reduction surgery, 1835
- vascular endothelial growth factor gene polymorphisms in Japanese patients with sarcoidosis, 1520
- viewpoints to liberation from mechanical ventilation, 1779
- what is the best way to measure lung function? 667
- Pulmonary function tests, measurement variability in single-breath diffusing capacity of the lung, 1082
- outcome measurements in COPD: are we schizophrenic? 1325
- what is the best way to measure lung function? 667
- Pulmonary gas exchange, clinical usefulness and limitations of the 6-min walk test in patients with cardiovascular or pulmonary disease, 325
- effects of short-term pressure-controlled ventilation on airway pressures, gas distribution and, in patients with acute lung injury/ARDS: comparison with volume-controlled ventilation, vol. 122:1382-1385; erratum, vol. 123:315
- long-term assessment of lung function in survivors of severe ARDS, 845
- prone position in ARDS: are we looking at a half-empty or half-full glass? 1334
- severe gastroesophageal reflux is associated with reduced carbon monoxide diffusing capacity, 1932
- Pulmonary hypertension: See Hypertension, pulmonary
- Pulmonary infections: See also Pneumonia; concomitant chronic sinusitis treatment in children with mild asthma: the effect on bronchial hyperresponsiveness, 757
- diagnosis and treatment of rhinovirus respiratory infections, 1664
- diffuse tracheal narrowing with recurrent bronchopulmonary infections, 289
- interferons and their application in the diseases of the lung, 209
- lung retransplantation: all for one or one for all? 1781
- necrotic mass-like upper lobe opacity, 277
- prognostic and clinical evaluation of infection caused by *Rhodococcus equi* in HIV-infected patients: a multicenter study of 67 cases, 1970
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- rapid staging system for predicting mortality from HIV-associated community-acquired pneumonia, 1151
- susceptibility testing of *Pseudomonas aeruginosa* isolates and clinical response to parenteral antibiotic administration: lack of association in cystic fibrosis, 1495
- Pulmonary infiltrates, bilateral, and fever, cough, 608
- bilateral cavitary pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation, 929
- in patients receiving long-term glucocorticoid treatment, 488
- a 27-year-old HIV-infected woman with severe sepsis and, 272
- Pulmonary lymphangioleiomyomatosis: See Lymphangioleiomyomatosis
- Pulmonary lymphoma: See Lymphoma
- Pulmonary medicine, appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
- chest ultrasound for "dummies," 332
- clinician or statistician? 677
- guidelines for interventional pulmonary procedures, 1693
- smoking: not for anyone, 1338
- Pulmonary neoplasms: See also Pulmonary neoplasms, non-small cell, *below*; clinical characteristics of pneumonic-type adenocarcinoma of the lung, 1868
- detection of lung cancer with volatile markers in the breath, 2115
- diagnosis and management of lung cancer: ACCP evidence-based guidelines, Jan. Supp. 1S-328S [lung cancer guidelines: introduction, 1S; overview of methodology for lung cancer evidence review and guideline development, 3S; assessment of the scope and quality of clinical practice guidelines in lung cancer, 7S; epidemiology of lung cancer, 21S; prevention of lung cancer: summary of published evidence, 50S; lung cancer prevention: the guidelines, 60S; screening for lung cancer: a review of the current literature, 72S; screening for lung cancer: the guidelines, 83S; solitary pulmonary nodule, 89S; initial evaluation of the patient with lung cancer: symptoms, signs, laboratory tests, and paraneoplastic syndromes, 97S; physiologic evaluation of patients with lung cancer being considered for resectional surgery, 105S; performance characteristics of different modalities for diagnosis of suspected lung cancer: summary of published evidence, 115S; diagnosis of lung cancer: the guidelines, 129S; noninvasive staging of non-small cell lung cancer: a review of the current evidence, 137S; noninvasive staging of non-small cell lung cancer: the guidelines, 147S; invasive staging of non-small cell lung cancer: a review of the current evidence, 157S; invasive staging: the guidelines, 167S; treatment of early stage non-small cell lung cancer, 176S; treatment of stage I non-small

- cell lung cancer, 181S; treatment of stage II non-small cell lung cancer, 188S; treatment: stage IIIA non-small cell lung cancer, 202S; guidelines on treatment of stage IIIB non-small cell lung cancer, 221S; chemotherapeutic management of stage IV non-small cell lung cancer, 226S; special treatment issues, 244S; small cell lung cancer, 259S; follow-up and surveillance of the lung cancer patient following curative-intent therapy, 272S; palliative care, 284S; end-of-life care in patients with lung cancer, 312S; practice organization, 332S]
- endobronchial ultrasound reliably differentiates between airway infiltration and compression by tumor, 458
- lung cancer screening debate, 653, 654
- mediastinal lymph node involvement in potentially resectable lung cancer: comparison of CT, positron emission tomography, and endoscopic ultrasonography with and without fine-needle aspiration, 442
- methotrexate-induced pulmonary lymphoma, 2150
- model of human lung cancer, 986
- necrotic mass-like upper lobe opacity, 277
- new diagnostic tool for tumor angiogenesis, 966
- nuclear accumulation of p53 is a potential marker for the development of squamous cell lung cancer in smokers, 181
- observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and mediastinotomy for staging lung cancer, 333
- patient use of the Internet for information in a lung cancer clinic, 452
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- risk of cancers in COPD patients, 1775
- screening, 653, 654, 963, 1787, 2115
- a 63-year-old man with suspected lung cancer and acute renal failure, 2140
- small cell, interferons and their application in the diseases of the lung, 209
- small cell lung cancer, Jan. Supp. 259S
- squamous cell lung cancer simulating an acute myocardial infarction, 304
- thorascopic lobectomy for lung cancer with a largely fused fissure, 619
- to screen or not to screen: a volatile issue in lung cancer, 1787
- use of selective bronchography in predicting reversal of neoplastic obstructive atelectasis, 828
- Pulmonary neoplasms, non-small cell, detection of loss of heterozygosity by high-resolution fluorescent system in: association of loss of heterozygosity with smoking and tumor progression, 545
- diagnosis and management of lung cancer: ACCP evidence-based guidelines, Jan. Supp. 1S-328S (for detailed listings: See entry at *Pulmonary neoplasms*)
- interferons and their application in the diseases of the lung, 209
- lymph node size and metastatic infiltration in, 463
- metastatic model of carcinoma cells that produce a neutrophil elastase-like molecule in severe combined immunodeficiency mice, 1248
- model of human lung cancer, 986
- observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
- paraneoplastic bilateral proptosis in a case of, 627
- stage I, risk of recurrence in patients with surgically resected carcinoma, 1858
- staging, Jan. Supp., 137S-175S
- staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- treatment, Jan. Supp., 176S-243S
- with chest wall invasion: evolution of surgical treatment and prognosis in the last 3 decades, 1341
- with chest wall involvement, 1323
- Pulmonary nodules, bilateral pneumothoraces after unilateral trans-thoracic needle biopsy of a lung nodule, 1297
- lung cancer screening debate, 653, 654
- model of human lung cancer, 986
- solitary, Jan. Supp. 89S
- Pulmonary rehabilitation: See Rehabilitation
- Pulmonary stretch receptors: See Rapidly adapting pulmonary stretch receptors
- Pulmonary surfactant proteins, Mar. Supp., 426S
- Pulmonary thromboembolism: See Pulmonary embolism; Thromboembolism
- Pulmonary thromboendarterectomy: See Thromboendarterectomy
- Pulmonary toxicity in patients receiving low-dose amiodarone, 646
- Pulmonary tuberculosis: See Tuberculosis, pulmonary
- Pulmonary vascular system: See also Hemodynamics; Pulmonary artery; Pulmonary circulation; Pulmonary vein; hemodynamics and survival in patients with pulmonary arterial hypertension related to systemic sclerosis, 344
- remodeling, sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- resistance, sitaxsentan in pulmonary arterial hypertension, 1772
- responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Pulmonary vasoconstriction, pulmonary vascular responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- Pulmonary vein, role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Pulse oximetry: See Oximetry
- Pulse wave velocity, BP and arterial distensibility in children with primary snoring, 1561
- Pulsus paradoxus, heliox for status asthmaticus? 675
- Pumps: See Equipment
- Pyrazinamide, fatal liver injury associated with rifampin-pyrazinamide treatment of latent tuberculosis, 967
- rifampin and, vs isoniazid for the treatment of latent tuberculosis, 102
- Quadriceps muscles: See Muscles
- Quality of life, clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- health-related, evaluation of, in low-income patients with COPD receiving long-term oxygen therapy, 136
- health-related, self-reported asthma and, 119
- prospective evaluation of lung volume reduction surgery in 200 consecutive patients, 1026
- questions on life satisfaction for adolescents and adults with cystic fibrosis, 42
- sleep apnea devices and sleep apnea surgery should be compared on effectiveness, not efficacy, 961, 962
- so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- sustained improvements in dyspnea and pulmonary function 3 to 5 years after lung volume reduction surgery, 1838
- Questionnaires, clinical outcomes related to interface type in patients with obstructive sleep apnea/hypopnea syndrome who are using continuous positive airway pressure, 1112
- osteoporosis in pulmonary clinic patients: does point-of-care screening predict central dual-energy X-ray absorptiometry? 2012
- patient use of the Internet for information in a lung cancer clinic, 452
- questions on life satisfaction for adolescents and adults with cystic fibrosis: development of a disease-specific questionnaire, 42
- recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
- self-reported asthma and health-related quality of life, 119
- Qvar metered-dose inhaler: See Nebulizers

- Rabbits, pleural space as a site of ectopic gene delivery: transfection of pleural mesothelial cells with systemic distribution of gene product, 202
- Race, orthotopic lung transplant for sarcoidosis, 962, 963
- Racemic albuterol: See Albuterol
- Radiation therapy: See Radiotherapy
- Radiography: See also Roentgenogram of the month; chest, in HIV-infected persons, 1316, 1317
chest ultrasound for "dummies," 332
chest, utility of, following percutaneous dilatational tracheostomy, 1603
diagnostic pathway to sarcoidosis, 406
functional sequelae of tuberculous pleurisy in patients correctly treated, 1996
hemoptysis, history of oral ulcers, and abnormal chest radiograph in a 64-year-old man, 617
is it difficult to diagnose sarcoidosis? 330
observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
pulmonary Langerhans cell histiocytosis, 1673
ultrasound-guided thoracentesis: is it a safer method? 418
utility of daily routine portable chest radiographs in mechanically ventilated patients in the medical ICU, 1607
variation in diaphragm position and shape in adults with normal pulmonary function, 2019
- Radionuclide perfusion lung scan, role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Radiotherapy, combined modality approach to recurrent cardiac sarcoma resulting in a prolonged remission: a case report, 1766
lung cancer screening contumacy vs mendacity, 963
observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
surgical treatment of malignant pleural mesothelioma: a review, 551
- Rales, clinical characteristics of pneumonic-type adenocarcinoma of the lung, 1868
- Rapid eye movement (REM) sleep: See Sleep
- Rapidly adapting pulmonary stretch receptors, cough reflex and the "healthy smoker," 660
- Rash: See Skin rash
- Rats, effects of chronic intermittent asphyxia on rat diaphragm and limb muscle contractility, 875
short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
- Reference values, clinical usefulness and limitations of the 6-min walk test in patients with cardiovascular or pulmonary disease, 325
for nocturnal home pulse oximetry during sleep in primary school children, 96
- Regression analysis, appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
clinician or statistician? 677
logistic, of potential prognostic factors for pulmonary thromboembolism, 813
- Rehabilitation, cardiac, following percutaneous revascularization, heart transplant, heart valve surgery, and for chronic heart failure, 2104
feasibility of high-intensity, interval-based respiratory muscle training in COPD, 142
pulmonary, effect of, in patients with posttuberculosis lung disorder, 1988
recovery of self-reported functional capacity after coronary artery bypass surgery, 1367
6-min walk testing is more sensitive than maximal incremental cycle testing for detecting oxygen desaturation in patients with COPD, 1401
- REM sleep: See Sleep
- Renal disease, end-stage: See Kidney
- Renin-angiotensin system, treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Reperfusion: See Ischemia/reperfusion lung injury
- Research: See also Meta-analysis; appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
asthma and the Human Genome Project: summary of the 45th annual Thomas L. Petty Aspen Lung Conference, Mar. Supp., 447S; erratum, 1776
clinician or statistician? 677
diagnostic dilemma in suspected ventilator-associated pneumonia: one size will never fit all, 335
difficult step in meta-analysis: refining the search, 960
end-of-life care and eudaimonia, 16
heliox for status asthmaticus? 675
how to design a negative study, 655, 656
missing the (acu) point, 1312, 1313
new and exploratory therapies for asthma, Mar. Supp., 439S
not the perfect study, but helpful wisdom for treating asthma patients with gastroesophageal reflux disease, 973
scientific koan: what is the cause of cystic fibrosis? 1792
sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- Respiration: See also Dyspnea; Sleep-disordered breathing; Ventilator weaning; Work of breathing; approximate entropy of human respiratory movement during eye-closed waking and different sleep stages, 80
Cheyne-Stokes, and heart failure 7, 59, 366
exercise training improves exertional dyspnea in patients with COPD: evidence of role of mechanical factors, 1794
in sleep, entropy isn't what it used to be: applying thermodynamics to, 9
inspiratory and expiratory dysfunction; secretion management, 1773
[inspiratory capacity]; resting lung function and hemodynamic parameters as predictors of exercise capacity in patients with chronic heart failure, 1386
inspiratory drive, 1038
inspiratory stridor in elite athletes, 468
learning occurs with repetitions of inspiratory loading, Mar. Supp., 432S
[mouth breathing], upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
nasal oxygen and muscle sympathetic nerve activity in heart failure, 366
neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
rate; rapid staging system for predicting mortality from HIV-associated community-acquired pneumonia, 1151
viewpoints to liberation from mechanical ventilation [spontaneous breathing trial], 1779
- Respiration, artificial: See also Pneumonia, ventilator-associated; Ventilator weaning; caregivers of long-term ventilator patients, 1073
effects of short-term pressure-controlled ventilation on gas exchange, airway pressures, and gas distribution in patients with acute lung injury/ARDS: comparison with volume-controlled ventilation, vol. 122:1382-1388; erratum, vol. 123:315
heliox for status asthmaticus? 675
heliox redux, 673
intra-hospital transport of critically ill patients using ventilator with patient-triggering function, 159
minute ventilation recovery time: a predictor of extubation outcome, 1214
percutaneous dilatational tracheostomy: we live in a twisted world, 1336
practice guidelines for NPPV: help or hindrance? 1784
short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
tracheobronchomalacia and tracheal hemorrhage in patients with Duchenne muscular dystrophy receiving long-term ventilation with uncuffed tracheostomies, 1307
utility of daily routine portable chest radiographs in mechanically ventilated patients in the medical ICU, 1607
viewpoints to liberation from mechanical ventilation, 1779

- Respiratory distress syndrome, adult, acute lung injury, effects of short-term pressure-controlled ventilation on gas exchange, airway pressures, and gas distribution in patients with: comparison with volume-controlled ventilation, vol. 122:1382-1388; erratum, vol. 123:315
- dead space ventilation in critically ill children with lung injury, 2050
- prone position in: are we looking at a half-empty or half-full glass? 1334
- respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- severe, long-term assessment of lung function in survivors of, 845
- talc pleurodesis vs iodopovidone, 1318, 1319
- Respiratory disturbance index, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- evaluation of a portable device based on peripheral arterial tone for unattended home sleep studies, 695
- Respiratory failure: See also Respiration, artificial; acute, evaluation of a practice guideline for noninvasive positive-pressure ventilation for, 2062
- acute, time course of expiratory flow limitation in COPD patients during, requiring mechanical ventilation, 1625
- after lung transplantation, 165
- bilateral cavitory pulmonary consolidations in a patient undergoing allogeneic bone marrow transplantation, 929
- changing patterns in long-term noninvasive ventilation, 67
- complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for, 1589
- early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- heliox redux, 673
- proteinuria in COPD patients with and without, 652, 653
- relapsing acute, induced by minocycline, 2146
- secretion management [success or failure of noninvasive ventilation], 1773
- sepsis and, are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- a 27-year-old HIV-infected woman with severe sepsis and pulmonary infiltrates, 272
- Respiratory infections: See Pulmonary infections
- Respiratory muscles, effects of lung volume reduction surgery for emphysema on oxygen cost of breathing, 1847
- secretion management [success or failure of noninvasive ventilation], 1773
- short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
- spirometry testing standards in spinal cord injury, 725
- training, feasibility of high-intensity, interval-based, in COPD, 142
- Respiratory syncytial virus, nebulized 3% hypertonic saline solution: treatment in hospitalized infants with viral bronchiolitis, 481
- Respiratory therapy, reliability of and correlation between the respiratory therapist written registry and clinical simulation self-assessment examinations, 1284
- Revascularization, myocardial: See Myocardial revascularization
- Reviews (feature), alternate treatments in asthma, 1254
- cardiac rehabilitation following percutaneous revascularization, heart transplant, heart valve surgery, and for chronic heart failure, 2104
- diagnosis and treatment of rhinovirus respiratory infections, 1664
- heliox vs air-oxygen mixtures for the treatment of patients with acute asthma: a systematic overview, 882
- interferons and their application in the diseases of the lung, 209
- pneumothorax in cystic fibrosis, 217
- portopulmonary hypertension: a tale of two circulations, 562
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- pulmonary Langerhans cell histiocytosis: emerging concepts in pathobiology, radiology, and clinical evolution of disease, 1673
- surgical treatment of malignant pleural mesothelioma: a review, 551
- use of helium-oxygen mixtures in the treatment of acute asthma: a systematic review, 891
- Rheumatoid arthritis: See Arthritis
- Rhinitis, allergic, effect of cigarette smoking on airway responsiveness to adenosine 5'-monophosphate in subjects with, 993
- measurement of nasal potential difference in mild asthmatics, 1467
- occupational, risk of asthma among Finnish patients with, 283
- Rhinosinusitis, tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Rhinovirus, respiratory infections, diagnosis and treatment of, 1664
- Rhodococcus equi*, prognostic and clinical evaluation of infection caused by, in HIV-infected patients: a multicenter study of 67 cases, 1970
- Rib fractures, multiple, continuous thoracic paravertebral infusion of bupivacaine for pain management in patients with, 424
- Ribs, non-small cell lung cancer with chest wall involvement, 1323
- Rifampin, pyrazinamide and, vs isoniazid for the treatment of latent tuberculosis, 102
- pyrazinamide treatment of latent tuberculosis, fatal liver injury associated with, 967
- Right ventricle: See Ventricle, right
- RNA inhibitors, diagnosis and treatment of rhinovirus respiratory infections, 1664
- Roentgenogram of the month, cavitory lung lesion, 937
- fever, cough, and bilateral lung infiltrates, 608
- a 59-year-old asymptomatic man with systolic murmur and mediastinal mass, 1289
- necrotic mass-like upper lobe opacity, 277
- telephone diagnosis of a strange voice, 2112
- Salbutamol: See Albuterol
- Salicylates, adult toxicology in critical care; part II: specific poisonings, 897
- Saline, analysis of sequential aliquots of hypertonic saline solution-induced sputum from clinically stable patients with cystic fibrosis, 792
- hypertonic solution, nebulized, 3%: treatment in hospitalized infants with viral bronchiolitis, 481
- Salmeterol, cardiovascular safety of, in COPD, 1817
- clarification of studies, 965
- how to design a negative study, 655, 656
- top ten list in asthma, 593
- Sarcoidosis, diagnostic pathway to, 406
- granulomatous pneumonitis following exposure to the World Trade Center collapse, 301
- is it difficult to diagnose? 330
- occupational risk factors for sarcoidosis in African-American siblings, 1527
- orthotopic lung transplant for, 962, 963
- pulmonary eosinophilia following lung transplantation for, in two patients, 629
- recovery of cell wall-deficient organisms from blood does not distinguish between patients with, and control subjects, 413
- variability of: can we predict it? 1329
- vascular endothelial growth factor gene polymorphisms in Japanese patients with, 1520
- Sarcoma, cardiac, recurrent, combined modality approach to, resulting in a prolonged remission: a case report, 1766
- Satisfaction in medicine: See Medicine; Physician-patient relationship; Physicians
- Scadding stages: See Sarcoidosis
- Scintigraphy, preoperative evaluation of patients undergoing lung resection surgery, 2096
- role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Sclerosis, intrapericardial; treating malignancy-related effusions, 1775
- systemic, hemodynamics and survival in patients with pulmonary arterial hypertension related to, 344
- Screening: See Pulmonary diseases, chronic obstructive; Pulmonary neoplasms
- Secretion management must be considered when reporting success or failure of noninvasive ventilation, 1773
- Seed: See Foreign body

- Selective digestive decontamination: See Digestive decontamination
- Sepsis, conundrums in the management of critically ill patients, May Supp., 451S-518S (for detailed listings: See entry at *Critical care*)
- Septal defect: See Heart septum
- September 11, 2001, attacks: See World Trade Center
- Serotonin re-uptake inhibitor, selective, adult toxicology in critical care; part II: specific poisonings, 897
- Serotonin transporter, genetic determinants of smoking, 1730
- Severity of illness: See also Asthma; Pneumonia; application of the sequential organ failure assessment score to cardiac surgical patients, 1229
- HLA mismatches predispose to the severity of bronchiolitis obliterans syndrome after lung transplantation, 1825
- orthotopic lung transplant for sarcoidosis, 962, 963
- Shock, septic, community-acquired bloodstream infection in critically ill adult patients: impact of inappropriate antibiotic therapy and, on survival, 1615
- problems and challenges of immunotherapy in sepsis, May Supp., 451S
- steroids for septic shock: back from the dead? (con), May Supp., 482S; (pro), 490S
- Shunt, role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- sitaxsentan in pulmonary arterial hypertension, 1772
- Signal transducer and activator of transcription factor-6: See STAT-6
- Sildenafil, for pulmonary arterial hypertension: exciting, but protection required, 959
- oral, long-term treatment with, in addition to continuous IV epoprostenol in patients with pulmonary arterial hypertension, 1293
- Sinopulmonary diseases, chronic inflammatory, tissue reparative effects of macrolide antibiotics in, 261
- Sinusitis, chronic, concomitant treatment in children with mild asthma: the effect on bronchial hyperresponsiveness, 757
- tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- Sitaxsentan in pulmonary arterial hypertension, 1772
- 6-min walk test: See Exercise
- Skin, diagnostic pathway to sarcoidosis, 406
- lesions, is it difficult to diagnose sarcoidosis? 330
- rash, fat embolism syndrome, 952
- testing, delayed hypersensitivity, high-dose inhaled fluticasone and, 1014
- variability of sarcoidosis: can we predict it? 1329
- Sleep, altitude pulmonary edema below 8,000 feet: what are we missing? 5
- approximate entropy of human respiratory movement during eye-closed waking and different sleep stages, 80
- Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- hypothalamic-pituitary-adrenal axis dysfunction during, in nocturnal asthma, Mar. Supp., 405S
- reference values for nocturnal home pulse oximetry during, in primary school children, 96
- REM, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- REM, continuous positive airway pressure: by nose or mouth? 662
- REM, entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- studies, oximeter performance and diagnostic accuracy of, 2160
- Sleep apnea, devices and sleep apnea surgery should be compared on effectiveness, not efficacy, 961, 962
- gender differences in: the role of neck circumference, 1544
- identifying, 656
- sleep-disordered breathing associated with long-term opioid therapy, 632
- Sleep apnea, central, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- cardiorespiratory effects of added dead space in patients with heart failure and, 1551
- impact of, on sympathetic nervous system activity in heart failure, 1119
- Pembrey's dream: the time has come for a long-term trial of nocturnal supplemental nasal oxygen to treat, in congestive heart failure, 322
- Sleep apnea syndromes, obstructive, association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- conundrum of sleep breathing disorders in heart failure, 1332
- effects of chronic intermittent asphyxia on rat diaphragm and limb muscle contractility, 875
- evaluation of a portable device based on peripheral arterial tone for unattended home sleep studies, 695
- evaluation of unattended automated titration to determine therapeutic continuous positive airway pressure in patients with, 704
- /hypopnea syndrome, clinical outcomes related to interface type in patients with, who are using continuous positive airway pressure, 1112
- impact of, on sympathetic nervous system activity in heart failure, 1119
- left ventricular dysfunction and: cause or consequence? 1774
- oximeter performance and diagnostic accuracy of sleep studies, 2160
- physiologic comparison of nasal and oral positive airway pressure, 689
- predicting excessive day sleepiness and, in the severely obese: indications for polysomnography, 1134
- relationship of systolic BP to, in patients with heart failure, 1536
- relationships between insomnia and sleep-disordered breathing, 310, 311
- symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- utility of oxygen saturation and heart rate spectral analysis obtained from pulse oximetric recordings in the diagnosis of, 1567
- Sleep-disordered breathing, associated with long-term opioid therapy, 632
- association of hypertension and secondary cardiovascular disease with, 244
- relationships between insomnia and, 310, 311
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Sleepiness, predicting sleep apnea and excessive day sleepiness in the severely obese: indications for polysomnography, 1134
- Smads, interferon- γ reduces interleukin-4 and interleukin-13 augmented transforming growth factor- β_2 production in human bronchial epithelial cells by targeting smads, Mar. Supp., 372S
- Smoke, inhalation, prolonged airway and systemic inflammatory reactions after, 475
- Smoking, accelerated decline of lung function in COPD patients with chronic hepatitis C virus infection: a preliminary study based on small numbers of patients, 596
- adenosine airways responsiveness: what does it mean? 971
- breast cancer in smokers, 1771, 1772
- cellular composition and macrophage phenotype in induced sputum in smokers and ex-smokers with COPD, 1054
- cessation advice, diagnosis of airflow limitation combined with, increases stop smoking rate, 1916
- cigarette, among asthmatic adults, 1472
- cigarette, increases neutrophil formyl methionyl leucyl phenylalanine receptor numbers, 1642
- COPD screening in high-risk groups, 959
- cough reflex and the "healthy smoker," 660
- cough reflex sensitivity in cigarette smokers, 685
- detection of loss of heterozygosity by high-resolution fluorescent system in non-small cell lung cancer: association of loss of heterozygosity with tumor progression and, 545
- detection of lung cancer with volatile markers in the breath, 2115
- effect of, on airway responsiveness to adenosine 5'-monophosphate in subjects with allergic rhinitis, 993
- genetic determinants of, [nicotine addiction], 1730
- lung cancer screening debate, 653, 654
- matrix metalloproteinases inhibition attenuates tobacco smoke-induced emphysema in guinea pigs, 1633

- model of human lung cancer, 986
- not for anyone [nicotine addiction], 1338
- nuclear accumulation of p53 is a potential marker for the development of squamous cell lung cancer in smokers, 181
- prevalence and correlates of airway obstruction in a community-based sample of adults, 1924
- pulmonary Langerhans cell histiocytosis, 1673
- respiratory findings in tobacco workers, 1740
- respiratory symptoms among HIV-seropositive individuals, 1977
- to screen or not to screen: a volatile issue in lung cancer, 1788
- Snoring, primary, BP and arterial distensibility in children with, 1561
- symptoms and signs of upper airway resistance syndrome: a link to the functional somatic syndromes, 87
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Social environment, smoking: not for anyone, 1338
- Socioeconomic conditions, evaluation of health-related quality of life in low-income patients with COPD receiving long-term oxygen therapy, 136
- Sodium, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- improved myocardial function using a Na^+/H^+ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- Soleus muscle fatigue, effects of chronic intermittent asphyxia on rat diaphragm and limb muscle contractility, 875
- Somatic syndromes, functional, symptoms and signs of upper airway resistance syndrome: a link to, 87
- functional, upper airway resistance syndrome, insomnia, and, 12
- Somnography, sleep apnea devices and sleep apnea surgery should be compared on effectiveness, not efficacy, 961, 962
- Somnosmart: See Equipment
- Sonography, lung, in pulmonary embolism, 2154
- South Korea: See Korea, South
- Spain, costs of chronic bronchitis and COPD, 784
- Special reports, appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
- association of hypertension and secondary cardiovascular disease with sleep-disordered breathing, 244
- guidelines for interventional pulmonary procedures, 1693
- interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- reliability of and correlation between the respiratory therapist written registry and clinical simulation self-assessment examinations, 1284
- treatment of systemic hypertension in patients with pulmonary disease: COPD and asthma, 222
- Spinal cord injury, spirometry testing standards in, 725
- Spiral CT: See Tomography, computed
- Spirometry-based algorithm to direct lung function testing in the pulmonary function laboratory, 1939
- COPD screening in high-risk groups, 959
- evaluating the use of a portable spirometer in a study of pediatric asthma, 1899
- factors influencing outcomes in cystic fibrosis, 20
- inspiratory stridor in elite athletes, 468
- interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- long-term repeatability of induced sputum cells and inflammatory markers in stable, moderately severe COPD, 778
- preoperative evaluation of patients undergoing lung resection surgery, 2096
- testing standards in spinal cord injury, 725
- variability, school-age children, 1090
- what is the best way to measure lung function? 667
- Splanchnic blood flow, doxamine, dobutamine, and dopamine increase [it]: what is the evidence? May Supp., 460S
- Spontaneous breathing trial: See Ventilator weaning
- Sports, altitude pulmonary edema below 8,000 feet: what are we missing? 5
- high-altitude pulmonary edema at moderate altitude (<2,400 m; 7,870 feet): a series of 52 patients, 49
- inspiratory stridor in elite athletes, 468
- Sputum, analysis of sequential aliquots of hypertonic saline solution-induced, from clinically stable patients with cystic fibrosis, 792
- COPD screening in high-risk groups, 959
- induced, analysis for T helper type 2 cell regulation: closing the loop, 1786
- induced, cellular composition and macrophage phenotype in, in smokers and ex-smokers with COPD, 1054
- induced, of atopic asthmatics, T helper type 2 cytokine receptors and associated transcription factors GATA-3, c-MAF and STAT-6 in, 2074
- long-term repeatability of induced sputum cells and inflammatory markers in stable, moderately severe COPD, 778
- neutrophil chemotactic activity of, from patients with COPD: role of interleukin 8 and leukotriene B_4 , 1240
- Squamous cell carcinoma: See Carcinoma, squamous cell
- ST segment: See Electrocardiography
- Staphylococcus aureus*, community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- STAT-6, induced sputum analysis for T helper type 2 cell regulation: closing the loop, 1786
- T helper type 2 cytokine receptors and associated transcription factors in induced sputum of atopic asthmatics, 2074
- Statistical analysis, appraisal of multivariable logistic models in the pulmonary and critical care literature, 923
- clinician or statistician? 677
- difficult step in meta-analysis: refining the search, 960
- does diabetes predispose to the development of multidrug-resistant tuberculosis? 308, 309
- interpreting COPD prevalence estimates: what is the true burden of disease? 1684
- missing the (acu) point, 1312, 1313
- Status asthmaticus, β_2 -adrenergic receptor polymorphisms in children with, Mar. Supp., 375S
- heliox for? 675
- heroin insufflation as a trigger for patients with life-threatening asthma, 510
- Stents, airway; guidelines, 1693
- coarctation of the aorta in an adult, 1749
- Steroids: See Corticosteroids
- Stockings, compression: See Compression stockings
- Stomach, emptying, adult toxicology in critical care; part 1: general approach to the intoxicated patient, 577
- gastric tonometry, May Supp., 469S, 475S
- selective digestive decontamination, May Supp., 464S
- Strange attractors: See Thermodynamics
- Streptococcus pneumoniae*, community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- community-acquired pneumonia in Southeast Asia, 1512
- microbiological testing and outcome of patients with severe community-acquired pneumonia, 174
- necrotic mass-like upper lobe opacity, 277
- Streptokinase, effect of intrapleural administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- Stress, posttraumatic: See Posttraumatic stress
- Stridor, inspiratory, in elite athletes, 468
- Study design: See Research
- Substance abuse: See also Smoking: altitude pulmonary edema below 8,000 feet: what are we missing? 5
- heroin insufflation as a trigger for patients with life-threatening asthma, 510
- Subthyroid tracheostomy: See Tracheostomy
- Sulfatases, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- Sulfate ions, does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
- Sulfuric acid, neurokinin-1 and neurokinin-2 antagonism inhibits long-term acid fog-induced airway hyperresponsiveness, 524
- Surgery: See also Postoperative complications; names of specific types of surgery or specific procedures, eg, Coronary artery bypass graft; Lobectomy: clinical characteristics of pneumonic-type adenocarcinoma of the lung, 1868

- coarctation of the aorta in an adult, 1749
- combined modality approach to recurrent cardiac sarcoma resulting in a prolonged remission: a case report, 1766
- endobronchial lipoma, 293
- epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for chronic thromboembolic pulmonary hypertension, 319
- lung cancer screening contumacy vs mendacity, 963
- lung resection, preoperative evaluation of patients undergoing, 2096
- mediastinal lymph node involvement in potentially resectable lung cancer, 442
- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- non-small cell lung cancer with chest wall invasion: evolution of surgical treatment and prognosis in the last 3 decades, 1341
- non-small cell lung cancer with chest wall involvement, 1323
- observation-only management of inoperable lung cancer: do not do that; a loud and clear radiographic point of view! 313, 314
- percutaneous dilatational tracheostomy: we live in a twisted world, 1336
- physiologic evaluation of patients with lung cancer being considered for, Jan. Supp. 105S
- risk of recurrence in patients with surgically resected stage I non-small cell lung carcinoma, 1858
- sleep apnea, and sleep apnea devices should be compared on effectiveness, not efficacy, 961, 962
- treatment of malignant pleural mesothelioma: a review, 551
- Surveys: See Questionnaires
- Survival: See also Mortality; Outcomes; community-acquired bloodstream infection in critically ill adult patients: impact of shock and inappropriate antibiotic therapy on survival, 1615
- cytokeratin 19 fragment in patients with non-malignant respiratory diseases, 2001
- effect of orally active prostacyclin analogue on, in patients with chronic thromboembolic pulmonary hypertension without major vessel obstruction, 1583
- hemodynamics and, in patients with pulmonary arterial hypertension related to systemic sclerosis, 344
- long-term assessment of lung function in survivors of severe ARDS, 845
- lung cancer screening, contumacy vs mendacity, 963
- lung retransplantation: all for one or one for all? 1781
- non-small cell lung cancer with chest wall invasion: evolution of surgical treatment and prognosis in the last 3 decades, 1341
- non-small cell lung cancer with chest wall involvement, 1323
- respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- surgical treatment of malignant pleural mesothelioma: a review, 551
- sustained improvements in dyspnea and pulmonary function 3 to 5 years after lung volume reduction surgery, 1838
- Swine, two aerosolized nitric oxide adducts as selective pulmonary vasodilators for acute pulmonary hypertension, 869
- Switzerland, changing patterns in long-term noninvasive ventilation: a 7-year prospective study in the Geneva lake area, 67
- Sympathetic nervous system: See Autonomic nervous system
- Syncope, cardiac biomarkers in pulmonary embolism, 1782
- Systemic inflammatory response, pulmonary infiltrates in patients receiving long-term glucocorticoid treatment, 488
- Systemic inflammatory response syndrome, respiratory failure and sepsis are the major causes of ICU admissions and mortality in survivors of lung transplants, 504
- Systole, known left ventricular dysfunction, risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with, 1964
- left ventricular dysfunction and sleep apnea syndrome: cause or consequence? 1774
- murmur, a 59-year-old asymptomatic man with mediastinal mass and, 1289
- relationship of systolic BP to obstructive sleep apnea in patients with heart failure, 1536
- unexplained pulmonary hypertension is associated with systolic arterial hypertension in patients undergoing routine Doppler echocardiography, 711
- T-helper type 2 cells: See Lymphocytes
- Talc pleurodesis: See Pleurodesis
- Tazobactam: See Piperacillin-tazobactam
- TBNA (transbronchial needle aspiration): See Biopsy
- Teenagers: See Adolescents
- Telangiectasia, hereditary hemorrhagic, contrast echocardiography remains positive after treatment of pulmonary arteriovenous malformations, 351
- role of echocardiography in screening for pulmonary arteriovenous malformations, 320
- Telephone diagnosis of a strange voice, 2112
- Temperature, body: See Body temperature
- Terminal illness, end-of-life care and eudaemonia, 16
- end-of-life care in patients with lung cancer, Jan. Supp., 312S
- impact of a proactive approach to improve end-of-life care in a medical ICU, 266
- Testicle, does primary pulmonary choriocarcinoma really exist? 313
- Thallium-201 imaging, diagnosis of cardiac sarcoidosis: an imperfect science, a hesitant art, 18
- Theophylline, adult toxicology in critical care; part II: specific poisonings, 897
- Thermodilution, impedance cardiography: the next vital sign technology? 2028
- Thermodynamics, entropy isn't what it used to be: applying thermodynamics to respiration in sleep, 9
- Thoracentesis, accuracy of pleural puncture sites: a prospective comparison of clinical examination with ultrasound, 436
- chest ultrasound for "dummies," 332
- randomized, phase III, double-blind, placebo-controlled trial of intrapleural instillation of methylprednisolone acetate in the management of malignant pleural effusion, 822
- repeat, time plots, 822
- repeated, effect of, on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
- ultrasound-guided: is it a safer method? 418
- Thoracic arteries, internal, double skeletonized, technical aspects of composite arterial grafting with, 1345
- Thoracic percutaneous needle aspiration: See Biopsy
- Thoracoscopic surgery, video-assisted: See Thoracoscopy
- Thoracoscopy, dry talc pleurodesis via chest tube, 308
- guidelines, 1693
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, mediastinoscopy, mediastinotomy and, for staging lung cancer, 333
- talc pleurodesis vs iodopovidone, 1318, 1319
- video-assisted, lobectomy for lung cancer with a largely fused fissure, 619
- video-assisted, non-small cell lung cancer with chest wall involvement, 1323
- video-assisted, resection of Castleman disease, 280
- Thoracostomy, tube, guidelines, 1693
- Threshold loading: See Rehabilitation
- Thrombocytopenia, pericardiocentesis and pancreatic aspiration needle biopsy in coagulopathic and thrombocytopenic cirrhotic patient, 956
- Thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- Thromboembolic pulmonary hypertension, chronic, epoprostenol therapy as a bridge to pulmonary thromboendarterectomy for, 319
- prostacyclin therapy before pulmonary thromboendarterectomy in patients with, 338
- Thromboembolism: See also Pulmonary embolism; effect of orally active prostacyclin analogue on survival in patients with chronic thromboembolic pulmonary hypertension without major vessel obstruction, 1583

- pulmonary, logistic regression analysis of potential prognostic factors for, 813
- Thromboendarterectomy, pulmonary, epoprostenol therapy as a bridge to, for chronic thromboembolic pulmonary hypertension, 319
- pulmonary, prostacyclin therapy before, in patients with chronic thromboembolic pulmonary hypertension, 338
- Thrombolysis, cardiac troponin T monitoring identifies high-risk group of normotensive patients with acute pulmonary embolism, 1947
- effect of intrapleural streptokinase administration on antistreptokinase antibody level in patients with loculated pleural effusions, 432
- getting a leg up on the postthrombotic syndrome, 327
- Thrombophlebitis, thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- Thrombosis, deep vein, megestrol complications, 309, 310
- deep venous, getting a leg up on the postthrombotic syndrome, 327
- deep venous, previous, acute effects of exercise in patients with: impact of the postthrombotic syndrome, 399
- deep venous, upper extremity, 1953
- logistic regression analysis of potential prognostic factors for pulmonary thromboembolism, 813
- thromboembolic disease involving the superior vena cava and brachiocephalic veins, 809
- Tidal volume, novel form of manually assisted ventilation, 949; erratum, 1776
- Time, analysis of sequential aliquots of hypertonic saline solution-induced sputum from clinically stable patients with cystic fibrosis, 792
- cilostazol: an "intermittent claudication" remedy for the management of third-degree AV block, 979
- diagnostic pathway to sarcoidosis, 406
- early aggressive intervention in cystic fibrosis: is it time to redefine our "best practice" strategies? 1
- heliox for status asthmaticus? 675
- of relapse; difficult step in meta-analysis: refining the search, 960
- short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
- so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- to screen or not to screen: a volatile issue in lung cancer, 1788
- Tiotropium, long-term treatment benefits with, in COPD patients with and without short-term bronchodilator responses, 1441
- outcome measurements in COPD: are we schizophrenic? 1325
- Tissue biopsy: See Biopsy
- Tissue reparative effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases, 261
- TI imaging: See Thallium-201 imaging
- Tobacco dust extract: See Tobacco workers
- Tobacco smoke: See Smoking
- Tobacco workers, pharmacologic effects of tobacco dust extract on isolated guinea pig trachea, 862
- Tobramycin, so many drugs, so little time: the future challenge of cystic fibrosis care, 3
- solution, efficiency of pulmonary administration of, for inhalation in cystic fibrosis using an improved drug delivery system, 28
- susceptibility testing of *Pseudomonas aeruginosa* isolates and clinical response to parenteral antibiotic administration: lack of association in cystic fibrosis, 1495
- Tomography, computed, chest ultrasound for "dummies," 332
- clinical outcome after a negative spiral CT pulmonary angiographic finding in an inpatient population from cardiology and pneumology wards, 359
- high-resolution; automated approach to quantitative air trapping measurements in mild cystic fibrosis, 1655
- high-resolution; fat embolism syndrome, 982
- high-resolution; findings in mild pulmonary fat embolism, 1196
- high-resolution, nonspecific interstitial pneumonia associated with polymyositis and dermatomyositis: serial findings and functional correlation, 1096
- high-resolution; pulmonary Langerhans cell histiocytosis, 1673
- low-dose; to screen or not to screen: a volatile issue in lung cancer, 1788
- lung cancer screening, contumacy vs mendacity, 963
- lung cancer screening debate, 653, 654
- lymph node size and metastatic infiltration in non-small cell lung cancer, 463
- mediastinal lymph node involvement in potentially resectable lung cancer: comparison of CT, positron emission tomography, and endoscopic ultrasonography with and without fine-needle aspiration, 442
- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and mediastinotomy for staging lung cancer, 333
- Tomography, electrical impedance, pulmonary vascular responses to hypoxia and hyperoxia in healthy volunteers and COPD patients measured by electrical impedance tomography, 1803
- Tomography, positron emission, lung cancer screening debate, 653, 654
- mediastinal lymph node involvement in potentially resectable lung cancer: comparison of CT, endoscopic ultrasonography and, with and without fine-needle aspiration, 442
- non-small cell lung cancer staging techniques and endoscopic ultrasound: tissue is still the issue, 1718
- one from column A: choosing between CT, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, mediastinotomy and, for staging lung cancer, 333
- Tonometry, gastric: the hemodynamic monitor of choice (pro), May Supp., 469S
- gastric: the role of mucosal pH measurement in the management of trauma, May Supp., 475S
- Toxicology, adult, in critical care; part I: general approach to the intoxicated patient, 577; part II: specific poisonings, 897
- Toxocara canis*, visceral larva migrans mimicking lymphoma, 1296
- Trachea, diffuse narrowing with recurrent bronchopulmonary infections, 289
- hemorrhage, tracheobronchomalacia and, in patients with Duchenne muscular dystrophy receiving long-term ventilation with uncuffed tracheostomies, 1307
- isolated guinea pig, pharmacologic effects of tobacco dust extract on, 862
- lobular capillary hemangioma: a rare cause of recurrent hemoptysis, 2148
- percutaneous dilatational tracheostomy: we live in a twisted world [TWISTED, tracheal wall injury with intermittent stoppage of the tracheostomy and episodes of dyspnea], 1336
- [wall injury from tracheal cannula, TWISTED syndrome] percutaneous dilatational tracheostomy in the ICU: optimal organization, low complication rates, and description of a new complication, 1595
- Tracheal stenosis, diffuse tracheal narrowing with recurrent bronchopulmonary infections, 289
- Tracheobronchial stenosis from acid aspiration presenting as asthma, 643
- Tracheobronchomalacia, tracheal hemorrhage and, in patients with Duchenne muscular dystrophy receiving long-term ventilation with uncuffed tracheostomies, 1307
- Tracheostomy, percutaneous dilatational; guidelines, 1693
- percutaneous dilatational, in the ICU: optimal organization, low complication rates, and description of a new complication, 1595
- percutaneous dilatational, utility of chest radiographs following, 1603
- percutaneous dilatational: we live in a twisted world, 1336
- uncuffed, tracheobronchomalacia and tracheal hemorrhage in patients with Duchenne muscular dystrophy receiving long-term ventilation with, 1307
- Tracheotomy, percutaneous dilatational tracheostomy: we live in a twisted world, 1336
- Traditional medicine, missing the (acu) point, 1312, 1313
- Transbronchial needle aspiration: See Biopsy
- Transcription factor-6, signal transducer and activator of: See STAT-6

- Transesophageal echocardiography: See Echocardiography, transesophageal
- Transferrin, β_2 , massive pleural transudate following a vertebral fusion in a 49-year-old woman, 1280
- Transforming growth factor- $\beta 1$, Mar. Supp., 427S
- Transplantation: See also Bone marrow transplantation; Graft rejection; Heart transplantation; Lung transplantation; organ donation and allocation, 962, 963, 1781
- Transporting patients: See Patient transport
- Transthoracic echocardiography: See Echocardiography
- Transtacheal oxygen therapy: See Oxygen
- Transudates: See Exudates and transudates
- Trauma, fat embolism syndrome, 982
- logistic regression analysis of potential prognostic factors for pulmonary thromboembolism, 813
 - relationships between insomnia and sleep-disordered breathing, 310, 311
 - transcatheter closure of ventricular septal defect: an alternative to surgery, 2144
- Travel: See Air travel
- Trichomonas, empyema caused by, 291
- Troleandomycin, alternate treatments in asthma, 1254
- Tropinins: See Cardiac troponin
- Tryptase, new and exploratory therapies for asthma, Mar. Supp., 439S
- Tube thoracostomy, guidelines, 1693
- Tuberculosis, diagnostic significance of interferon- γ in tuberculous pleural effusions, 740
- directly observed therapy, 308, 309, 668
 - does deficiency of arylsulfatase B have a role in cystic fibrosis? 2130
 - effect of pulmonary rehabilitation in patients with posttuberculous lung disorder, 1988
 - functional sequelae of tuberculous pleurisy in patients correctly treated, 1996
 - interferons and their application in the diseases of the lung, 209
 - latent, 668
 - latent, fatal liver injury associated with rifampin-pyrazinamide treatment of, 967
 - latent infection, use of the urine color test to monitor compliance with isoniazid treatment of, 736
 - latent, pyrazinamide and rifampin vs isoniazid for the treatment of, 102
 - multidrug-resistant, does diabetes predispose to the development of? 308, 309
 - multidrug-resistant, in pregnancy: case report and review of the literature, 953
 - pulmonary, chest radiographs in HIV-infected persons, 1316, 1317
 - serologic diagnosis of, using a simple commercial multiantigen assay, 107
 - urine color test in isoniazid compliance [directly observed therapy], 668
- Tumor necrosis factor, circulating levels of, correlate with indexes of depressed heart rate variability: patients with mild-to-moderate heart failure, 716
- what is "heart rate variability" and is it blunted by? 664
- Tumor necrosis factor- α , asthma in the new millennium, Mar. Supp., 374S
- effect of repeated thoracenteses on fluid characteristics, cytokines, and fibrinolytic activity in malignant pleural effusion, 1188
 - problems and challenges of immunotherapy in sepsis, May Supp., 451S
 - variability of sarcoidosis: can we predict it? 1329
- Tumor suppressor genes, detection of loss of heterozygosity by high-resolution fluorescent system in non-small cell lung cancer: association of loss of heterozygosity with smoking and tumor progression, 545
- 12-minute walk test: See Exercise
- TWISTED: See Trachea
- ^{201}Tl imaging: See Thallium-201 imaging
- Tyrosine hydroxylase, gene, polymorphisms of, in subjects susceptible to high-altitude pulmonary edema, 54
- UCB 62045, Mar. Supp., 371S
- Ulcers, oral: See Mouth
- Ultrasonography, accuracy of pleural puncture sites: a prospective comparison of clinical examination with ultrasound, 436
- chest ultrasound for "dummies," 332
 - endobronchial; guidelines, 1693
 - endobronchial ultrasound reliably differentiates between airway infiltration and compression by tumor, 458
 - endoscopic, mediastinal lymph node involvement in potentially resectable lung cancer: comparison of CT, positron emission tomography, and, with and without fine-needle aspiration, 442
 - endoscopic, non-small cell lung cancer staging techniques and: tissue is still the issue, 1718
 - guided transbronchial needle aspiration, 604
 - one from column A: choosing between CT, positron emission tomography, endoscopic ultrasound with fine-needle aspiration, transbronchial needle aspiration, thoracoscopy, mediastinoscopy, and mediastinotomy for staging lung cancer, 333
 - osteoporosis in pulmonary clinic patients: does point-of-care screening predict central dual-energy X-ray absorptiometry? 2012
 - ultrasound-guided thoracentesis: is it a safer method? 418
- Underweight patients: See Body weight
- United States, cross-cultural comparison of critical care delivery: Japan and, vol. 121:539; erratum, vol. 123:967
- Unna boot, getting a leg up on the postthrombotic syndrome, 327
- Upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- symptoms and signs of: a link to the functional somatic syndromes, 87
- Urinary catecholamine: See Catecholamine
- Urinary norepinephrine: See Norepinephrine
- Urinary protein: See Proteinuria
- Urine color test, in isoniazid compliance, 668
- use of, to monitor compliance with isoniazid treatment of latent tuberculosis infection, 736
- Urine pregnancy test, does primary pulmonary choriocarcinoma really exist? 313
- US Defense Department, link between anthrax immunization and hypersensitivity pneumonitis? 1769
- Utilization, cross-cultural comparison of critical care delivery: Japan and the United States, vol. 121:539; erratum, vol. 123:967
- Uvulopalatopharyngoplasty, sleep apnea devices and sleep apnea surgery should be compared on effectiveness, not efficacy, 961, 962
- Vagus nerve, cough reflex and the "healthy smoker," 660
- Valvuloplasty: See Heart valves
- Vancomycin-resistant enterococci: a road map on how to prevent the emergence and transmission of antimicrobial resistance, May Supp., 504S
- Vascular endothelial growth factor, asthma in the new millennium, Mar. Supp., 430S
- gene polymorphisms in Japanese patients with sarcoidosis, 1520
 - new diagnostic tool for tumor angiogenesis, 966
 - variability of sarcoidosis: can we predict it? 1329
- Vasoconstrictors, sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- Vasodilators, selective pulmonary, two aerosolized nitric oxide adducts as, for acute pulmonary hypertension, 869
- sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- VATS: See Thoracoscopic surgery, video-assisted
- Vena cava, superior, thromboembolic disease involving brachiocephalic veins and, 809
- Venipuncture, peripheral, clinical utility of blood cultures drawn from central vein catheters and, in critically ill medical patients, 854
- Venous thrombosis: See Thrombosis
- Ventilation, Cheyne-Stokes respiration and congestive heart failure: are oxygen stores the critical factor? 7
- dead space, in critically ill children with lung injury, 2050

- manually assisted, novel form of manually assisted ventilation, 949; erratum, 1776
- metabolic and ventilatory parameters of four activities of daily living accomplished with arms in COPD patients, 1047
- neonatal exposure to 65% oxygen durably impairs lung architecture and breathing pattern in adult mice, 530
- noninvasive, is more than mask ventilation, 2156, 2157
- noninvasive, secretion management must be considered when reporting success or failure of, 1773
- oscillatory, at rest, relation between [it] before cardiopulmonary exercise testing and prognosis in patients with left ventricular dysfunction, 372
- pressure-controlled, effects of short-term, on gas exchange, airway pressures, and gas distribution in patients with acute lung injury/ARDS: comparison with volume-controlled ventilation, vol. 122:1382-1388; erratum, vol. 123:315
- prone position in ARDS: are we looking at a half-empty or half-full glass? 1334
- viewpoints to liberation from mechanical ventilation, 1779
- Ventilation, mechanical: See Respiration, artificial
- Ventilator-associated pneumonia: See Pneumonia, ventilator-associated
- Ventilator weaning, changes of heart rate variability during, 1222
- minute ventilation recovery time: a predictor of extubation outcome, 1214
- short-duration mechanical ventilation enhances diaphragmatic fatigue resistance but impairs force production, 195
- time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- viewpoints to liberation from mechanical ventilation [spontaneous breathing trial], 1779
- Ventilators, intrahospital transport of critically ill patients using ventilator with patient-triggering function, 159
- Ventricle, left, diastolic function in patients with advanced cystic fibrosis, 1488
- dysfunction and sleep apnea syndrome: cause or consequence? 1774
- dysfunction, relation between oscillatory ventilation at rest before cardiopulmonary exercise testing and prognosis in patients with, 372
- effect of cilostazol on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- end-diastolic volume, improved myocardial function using a Na^+/H^+ exchanger inhibitor during cardioplegic arrest and cardiopulmonary bypass, 187
- known systolic dysfunction, risk of mortality and heart failure exacerbations associated with inhaled beta-adrenoceptor agonists among patients with, 1964
- Ventricle, right, cardiac biomarkers in pulmonary embolism, 1782
- cardiac troponin T monitoring identifies high-risk group of normotensive patients with acute pulmonary embolism, 1947
- dysfunction, respiratory failure after lung transplantation, 165
- effect of cilostazol on the ventricular escape rate and neurohumoral factors in patients with third-degree atrioventricular block, 1161
- respiratory failure early after lung transplantation: now that we know the extent of the problem, what are the solutions? 14
- sildenafil for pulmonary arterial hypertension: exciting, but protection required, 989
- Ventricular arrhythmias, alcoholic cardiomyopathy and, 1320
- Ventricular septal defect, traumatic, transcatheter closure of: an alternative to surgery, 2144
- Vertebral fusion, massive pleural transudate following, in a 49-year-old woman, 1280
- Video-assisted thoracoscopic surgery: See Thoracoscopy
- Viral infections, bronchiolitis, nebulized 3% hypertonic saline solution: treatment in hospitalized infants with, 481
- diagnosis and treatment of rhinovirus respiratory infections, 1664
- respiratory symptoms among HIV-seropositive individuals, 1977
- Visceral larva migrans mimicking lymphoma, 1296
- Vital capacity, forced, 50% of, comparison of maximal midexpiratory flow rate and forced expiratory flow at, in children, 731
- spirometric variability, school-age children, 1090
- Vocal cords, dysfunction, inspiratory stridor in elite athletes, 468
- Voice, strange, telephone diagnosis of, 2112
- Walk test: See Exercise
- Warfarin, dose reduction vs watchful waiting for mild elevations in the international normalized ratio, 499
- Watch Pat100: See Equipment
- WBCs: See Leukocytes
- Weaning: See Ventilator weaning
- Wedge pressure, capillary: See Pulmonary capillary wedge pressure
- Weight loss, plasma orexin-A levels and body composition in COPD, 1060
- Wheezing, aging and disability affect misdiagnosis of COPD in elderly asthmatics: the SARA Study, 1066
- asthma features in severe α_1 -antitrypsin deficiency: experience of the National Heart, Lung, and Blood Institute registry, 765
- is it difficult to diagnose sarcoidosis? 330
- White blood cells: See Leukocytes
- Women, gender differences in sleep apnea: the role of neck circumference, 1544
- orthotopic lung transplant for sarcoidosis, 962, 963
- top ten list in asthma, 593
- upper airway resistance syndrome, insomnia, and functional somatic syndromes, 12
- Work of breathing, heliox for status asthmaticus? 675
- Workplace-related illness: See Occupational and environmental lung diseases; Occupational exposure
- World Trade Center, collapse, granulomatous pneumonitis following exposure to, 301
- ZEEP: See Zero end-expiratory pressure
- Zen Buddhism: See Buddhism
- Zero end-expiratory pressure, time course of expiratory flow limitation in COPD patients during acute respiratory failure requiring mechanical ventilation, 1625
- Zinc status modulates bronchopulmonary eosinophil infiltration in a murine model of allergic inflammation, Mar. Supp., 446S

